

VEPCO ROAD INSTALLATION PLAN EARTHWORK CALCULATIONS					
	CUT (CY)	FILL (CY)	NET (CY)		
DOM 16 PULLER PAD IMPROVEMENT	1275.6	38.7	1236.9 (CUT)		
INSTALLATION TOTALS	1275.6	38.7	1236.9 (CUT)		

VEPCO ROAD RESTORATION PLAN EARTHWORK CALCULATIONS						
	CUT (CY)	FILL (CY)	NET (CY)			
RESTORE DOM 16 PULLER PAD	39.3	1272.9	1233.6 (FILL)			
RESTORATION TOTALS	39.3	1272.9	1233.6 (FILL)			

FINAL EARTHWORK BALANCE				
	NET (	CY)		
DOM 16 PULLER PAD INSTALLATION	1236.9	(CUT)		
DOM 16 PULLER PAD RESTORATION	1233.6	(FILL)		
VEPCO ROAD AT DOM 16 TOTAL	3.3	(CUT)		

- 1. EXCESS MATERIALS SHALL BE STORED IN TEMORARY STOCKPILE AREAS AS SHOWN ON ROAD PLANS FOR CE47. 2. WHERE ADDITIONAL FILL MATERIAL IS REQUIRED, SUITABLE EXCESS MATERIALS
- FROM INSTALLATION AND RESTORATION OF OTHER ROADS WITHIN THE GWNF MAY

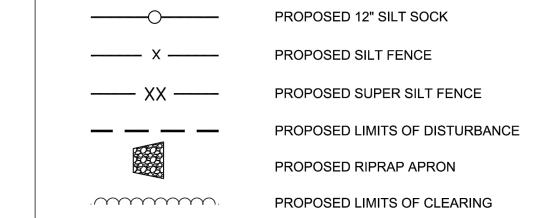
#### 3. OVERALL EARTHWORK BALANCES FOR CE47 WILL BE PROVIDED IN SUMMARY

#### RESTORATION PLAN NOTES

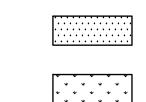
- . PLAN SHOWN HERE REPRESENTS "RESTORATION PLAN". SEE SHEET FR240-06 FOR "INSTALLATION PLAN"
- 2. FOR SHENANDOAH CREST ZONE MITIGATION MEASURES, REFER TO ENVIRONMENTAL ASSESSMENT (EA), DESIGN ELEMENTS AND THREATENED &
- ENDANGERED SPECIES SECTIONS. 3. FIELD MODIFICATIONS WITHIN THE PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) MAY BE APPROVED BY THE CONSTRUCTION COORDINATOR/CERTIFIED LAND DISTURBER AND NOTED ON THE DRAWING. FIELD MODIFICATIONS THAT EXTEND OUTSIDE OF PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) REQUIRE APPROVAL BY THE GWNF PRIOR TO IMPLEMENTATION.
- CRANE PADS ARE TO BE STABILIZED AS SHOWN ON RESTORATION PLAN. DUE TO PRESENCE OF ROCK, SITE CONTRACTOR AND ENVIRONMENTAL COMPLIANCE COORDINATOR MAY USE GEOTECHNICAL DATA TO DETERMINE SOIL STABILITY AT CRANE PADS AFTER INSTALLATION.
- . NARROWED ROAD WIDTH AS SHOWN ON RESTORATION PLAN IS BASED ON THE AVERAGE EXISTING ROAD WIDTH DETERMINED BY LIDAR SURVEY.
- 6. IN ADDITION TO TEMPORARY AND PERMANENT SEEDING, JUTE MATTING MAY BE REQUIRED TO ENSURE STABILIZATION.
- . REFER TO GEORGE WASHINGTON NATIONAL FOREST FORESTWIDE STANDARDS AND EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS INCLUDED AT THE FRONT OF THE TL 550 PHASE 3 CONSTRUCTION DOCUMENT PACKAGE.
- 8. EXISTING GRADES SHOWN ON CROSS SECTIONS AND PLAN & PROFILE ARE BASED
- ON LIDAR DATA PROVIDED BY DOMINION ENERGY. PROFILE SHOWS 8FT OFFSETS TO LEFT AND RIGHT OF CENTERLINE TO

ILLUSTRATE EXISTING GRADE ON EDGE OF ROADWAY WITH 16FT WIDTH.

#### E&SC LEGEND



#### HATCH LEGEND



TEMPORARY & PERMANENT SEEDING, SEE DOMINION SPEC TE VEP 8000-13-00

REVEGETATE AND DECOMPACT PER MITIGATION MEASURES IN EA

FR240-R1

05/21/21

FR240

VEPCO ROAD

RESTORATION

PLAN

50106442

PROJECT NO.

REVISIONS

DRAWN BY

APPROVED BY

CHECKED BY

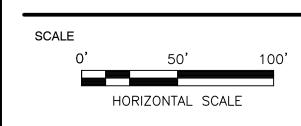
DATE

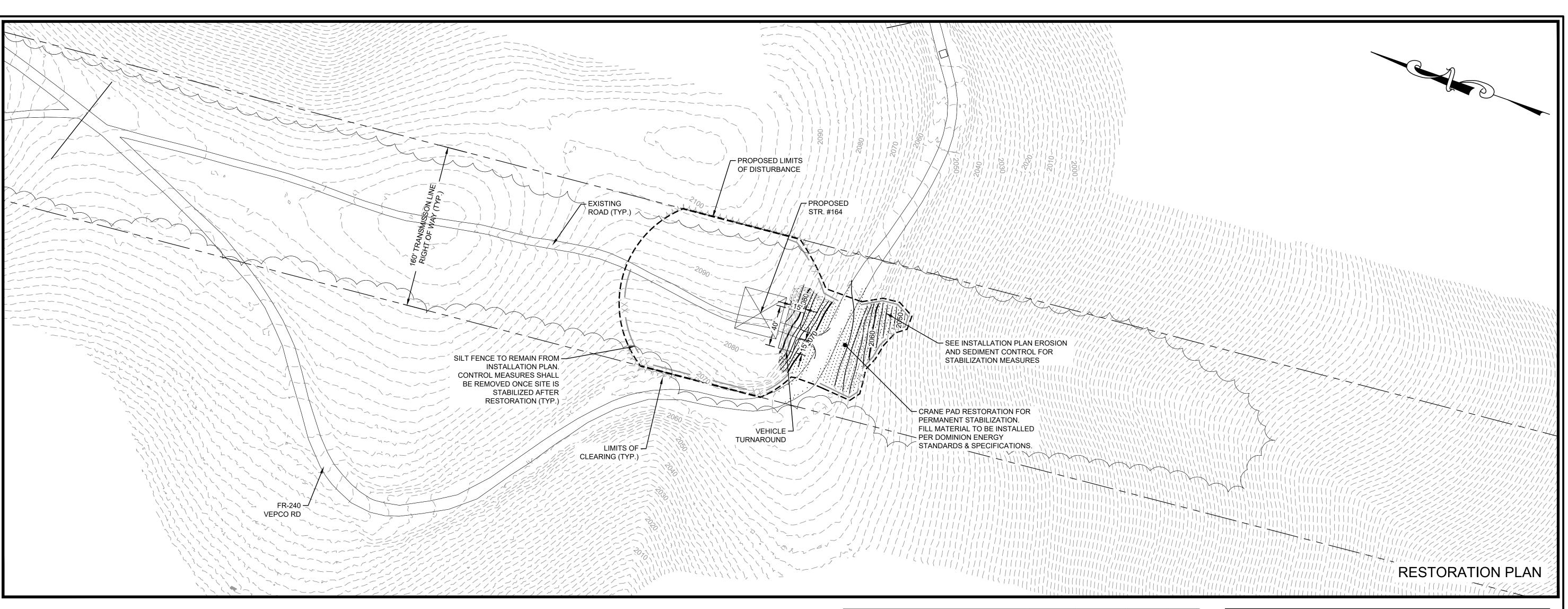
TITLE



Dewberry Engineers Inc. 4805 LAKE BROOK DRIVE SUITE 200 GLEN ALLEN, VA 23060 804.290.7957 (PHONE) 804.290.7928 (FAX)

**PRELIMINARY** NOT FOR CONSTRUCTION





STR. 164 INSTALLATION PLAN EARTHWORK CALCULATIONS					
	CUT (CY)	FILL (CY)	NET (CY)		
INSTALL CRANE PAD AT STR. #164	457.5	156.9	300.6 (C	UT)	
INSTALLATION TOTALS	457.5	156.9	300.6 (C	UT)	

STR. 164 RESTORATION PLAN EARTHWORK CALCULATIONS						
	CUT (CY)	FILL (CY)	NET (CY)			
RESTORE CRANE PAD AT STR. #164	156.6	457.2	300.6	(FILL)		
RESTORATION TOTALS	156.6	457.2	300.6	(FILL)		

FINAL EARTHWORK BALANCE		
	NET (	CY)
STR. #164 INSTALLATION	300.6	(CUT)
STR. #164 RESTORATION	300.6	(FILL)
STR. #164 ROAD TOTAL	0	(CUT)

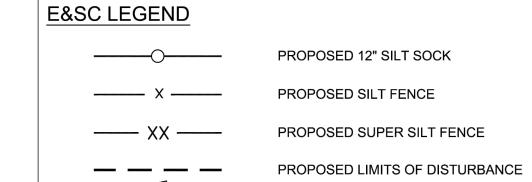
- 1. EXCESS MATERIALS SHALL BE STORED IN TEMORARY STOCKPILE AREAS AS SHOWN
- ON ROAD PLANS FOR CE47.
- 2. WHERE ADDITIONAL FILL MATERIAL IS REQUIRED, SUITABLE EXCESS MATERIALS FROM INSTALLATION AND RESTORATION OF OTHER ROADS WITHIN THE GWNF MAY
- OVERALL EARTHWORK BALANCES FOR CE47 WILL BE PROVIDED IN SUMMARY

#### RESTORATION PLAN NOTES

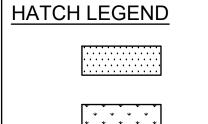
- 1. PLAN SHOWN HERE REPRESENTS "RESTORATION PLAN". SEE SHEET FR240-07 FOR "INSTALLATION PLAN"
- 2. FOR SHENANDOAH CREST ZONE MITIGATION MEASURES, REFER TO ENVIRONMENTAL ASSESSMENT (EA), DESIGN ELEMENTS AND THREATENED &
- ENDANGERED SPECIES SECTIONS. 3. FIELD MODIFICATIONS WITHIN THE PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) MAY BE APPROVED BY THE CONSTRUCTION COORDINATOR/CERTIFIED LAND DISTURBER AND NOTED ON THE DRAWING. FIELD MODIFICATIONS THAT EXTEND OUTSIDE OF PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) REQUIRE APPROVAL BY THE GWNF PRIOR TO IMPLEMENTATION.
- CRANE PADS ARE TO BE STABILIZED AS SHOWN ON RESTORATION PLAN. DUE TO PRESENCE OF ROCK, SITE CONTRACTOR AND ENVIRONMENTAL COMPLIANCE COORDINATOR MAY USE GEOTECHNICAL DATA TO DETERMINE SOIL STABILITY AT CRANE PADS AFTER INSTALLATION.
- . NARROWED ROAD WIDTH AS SHOWN ON RESTORATION PLAN IS BASED ON THE AVERAGE EXISTING ROAD WIDTH DETERMINED BY LIDAR SURVEY.
- 6. IN ADDITION TO TEMPORARY AND PERMANENT SEEDING, JUTE MATTING MAY BE REQUIRED TO ENSURE STABILIZATION.
- REFER TO GEORGE WASHINGTON NATIONAL FOREST FORESTWIDE STANDARDS AND EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS INCLUDED AT THE FRONT OF THE TL 550 PHASE 3 CONSTRUCTION DOCUMENT
- B. EXISTING GRADES SHOWN ON CROSS SECTIONS AND PLAN & PROFILE ARE BASED

ILLUSTRATE EXISTING GRADE ON EDGE OF ROADWAY WITH 16FT WIDTH.

ON LIDAR DATA PROVIDED BY DOMINION ENERGY. PROFILE SHOWS 8FT OFFSETS TO LEFT AND RIGHT OF CENTERLINE TO



.PROPOSED LIMITS OF CLEARING



TEMPORARY & PERMANENT SEEDING, SEE DOMINION SPEC TE VEP 8000-13-00

REVEGETATE AND DECOMPACT PER MITIGATION MEASURES IN EA

PROPOSED RIPRAP APRON

FR240-R2

05/21/21

50106442

STR 164

RESTORATION

PLAN

PROJECT NO.

REVISIONS

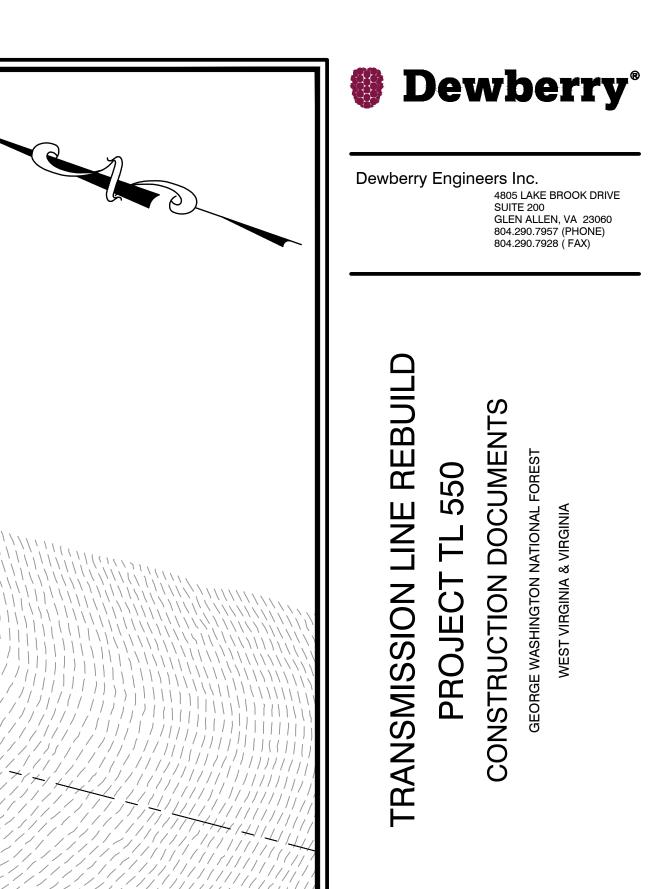
DRAWN BY

APPROVED BY

CHECKED BY

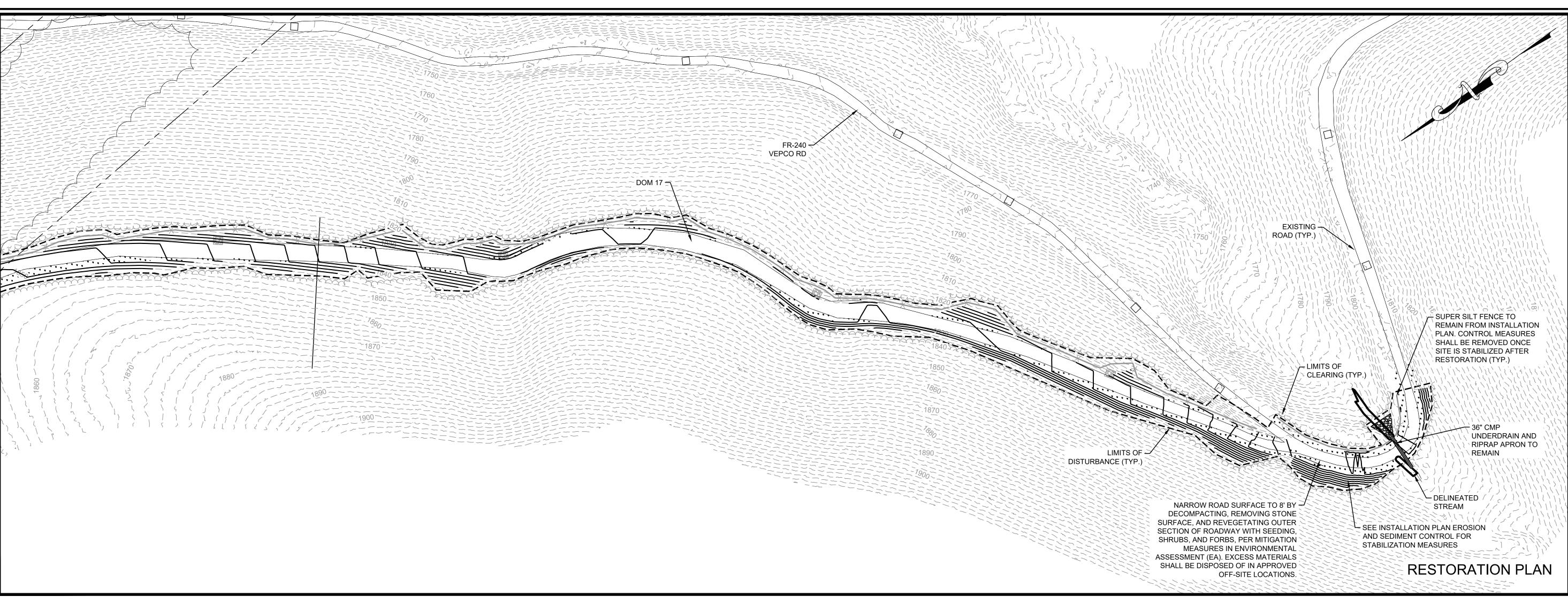
DATE

TITLE



**PRELIMINARY** NOT FOR CONSTRUCTION

SCALE		
0'	50'	100'
	HORIZONTAL SCALE	



VEPCO ROAD WIDENING INSTALLATION PLAN EARTHWORK CALCULATIONS						
	CUT (CY)	FILL (CY)	NET (CY)			
VEPCO ROAD WIDENING IMPROVEMENT	89.8	32.6	57.2	(CUT)		
INSTALLATION TOTALS	89.8	32.6	57.2	(CUT)		

VEPCO ROAD WIDENING RESTORATION PLAN EARTHWORK CALCULATIONS						
	CUT (CY)	FILL (CY)	NET (CY)			
RESTORE VEPCO ROAD WIDENING	0	0	0	(FILL)		
RESTORATION TOTALS	0	0	0	(FILL)		

FINAL EARTHWORK BALANCE		
	NET (	(CY)
VEPCO ROAD WIDENING INSTALLATION	57.2	(CUT)
VEPCO ROAD WIDENING RESTORATION	0	(FILL)
VEPCO ROAD WIDENING TOTAL	57.2	(CUT)

- 1. EXCESS MATERIALS SHALL BE STORED IN TEMORARY STOCKPILE AREAS AS SHOWN ON ROAD PLANS FOR CE47.
- 2. WHERE ADDITIONAL FILL MATERIAL IS REQUIRED, SUITABLE EXCESS MATERIALS FROM INSTALLATION AND RESTORATION OF OTHER ROADS WITHIN THE GWNF MAY
- 3. OVERALL EARTHWORK BALANCES FOR CE47 WILL BE PROVIDED IN SUMMARY TABLE

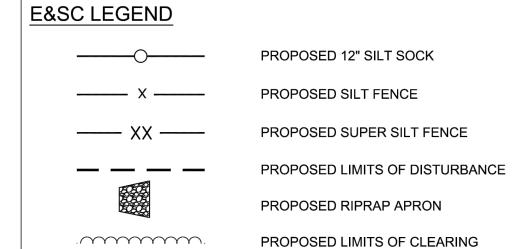
#### RESTORATION PLAN NOTES

- PLAN SHOWN HERE REPRESENTS "RESTORATION PLAN". SEE SHEET DOM17-01
  FOR "INSTALLATION PLAN"
- 2. FOR SHENANDOAH CREST ZONE MITIGATION MEASURES, REFER TO ENVIRONMENTAL ASSESSMENT (EA), DESIGN ELEMENTS AND THREATENED &
- ENDANGERED SPECIES SECTIONS.

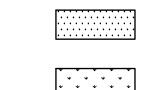
  3. FIELD MODIFICATIONS WITHIN THE PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) MAY BE APPROVED BY THE CONSTRUCTION COORDINATOR/CERTIFIED LAND DISTURBER AND NOTED ON THE DRAWING. FIELD MODIFICATIONS THAT EXTEND OUTSIDE OF PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) REQUIRE APPROVAL BY THE GWNF PRIOR TO IMPLEMENTATION.
- 4. CRANE PADS ARE TO BE STABILIZED AS SHOWN ON RESTORATION PLAN. DUE TO PRESENCE OF ROCK, SITE CONTRACTOR AND ENVIRONMENTAL COMPLIANCE COORDINATOR MAY USE GEOTECHNICAL DATA TO DETERMINE SOIL STABILITY AT CRANE PADS AFTER INSTALLATION.
- 5. NARROWED ROAD WIDTH AS SHOWN ON RESTORATION PLAN IS BASED ON THE AVERAGE EXISTING ROAD WIDTH DETERMINED BY LIDAR SURVEY.
- 6. IN ADDITION TO TEMPORARY AND PERMANENT SEEDING, JUTE MATTING MAY BE REQUIRED TO ENSURE STABILIZATION.
- 7. REFER TO GEORGE WASHINGTON NATIONAL FOREST FORESTWIDE STANDARDS AND EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS INCLUDED AT THE FRONT OF THE TL 550 PHASE 3 CONSTRUCTION DOCUMENT PACKAGE.
- 8. EXISTING GRADES SHOWN ON CROSS SECTIONS AND PLAN & PROFILE ARE BASED
- ON LIDAR DATA PROVIDED BY DOMINION ENERGY.

  9. PROFILE SHOWS 8FT OFFSETS TO LEFT AND RIGHT OF CENTERLINE TO

ILLUSTRATE EXISTING GRADE ON EDGE OF ROADWAY WITH 16FT WIDTH.



## HATCH LEGEND



TEMPORARY & PERMANENT SEEDING, SEE DOMINION SPEC TE VEP 8000-13-00

REVEGETATE AND DECOMPACT
PER MITIGATION MEASURES IN EA

DOM17-R3

SHEET NO



Dewberry Engineers Inc.

4805 LAKE BROOK DRIVE
SUITE 200
GLEN ALLEN, VA 23060
804.290.7957 (PHONE)
804.290.7928 (FAX)

ANSMISSION LINE REBUPACONSTRUCTION DOCUMENTS

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE		
0'	50'	100
	HORIZONTAL SCALE	

DRAWN BY

APPROVED BY

CHECKED BY

DATE

TITLE

FR240

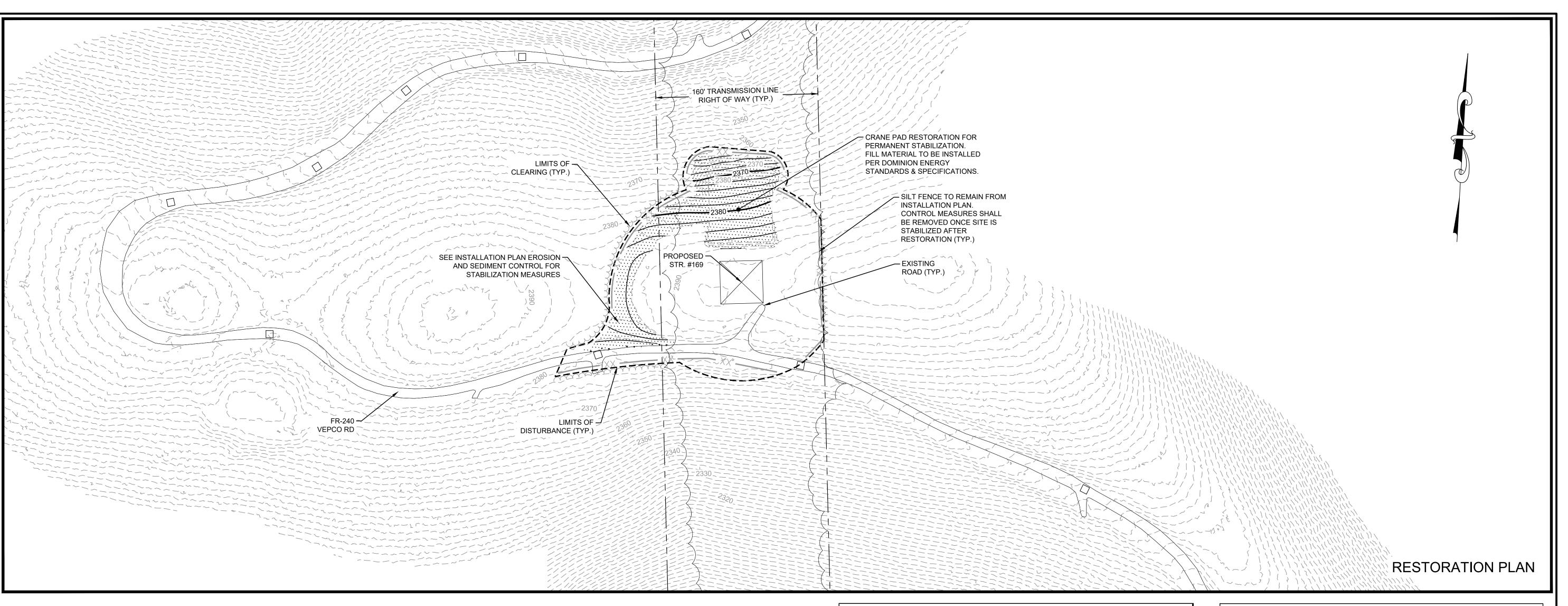
REVISIONS

PROJECT NO. 50106442

VEPCO ROAD

RESTORATION

PLAN



STR. 169 INSTALLATION PLAN EARTHWORK CALCULATIONS					
	CUT (CY)	FILL (CY)	NET (CY)		
INSTALL CRANE PAD AT STR. #169	410.2	601.8	191.6	(FILL)	
INSTALLATION TOTALS	410.2	601.8	191.6	(FILL)	

STR. 169 RESTORATION PLAN EARTHWORK CALCULATIONS					
	CUT (CY)	FILL (CY)	NET (	CY)	
RESTORE CRANE PAD AT STR. #169	599.5	411.2	188.3	(CUT)	
RESTORATION TOTALS	599.5	411.2	188.3	(CUT)	
RESTORATION TOTALS	599.5	411.2	188.3	(CUI	

FINAL EARTHWORK BALANCE		
	NET (	(CY)
STR. #169 INSTALLATION	191.6	(FILL)
STR. #169 RESTORATION	188.3	(CUT)
STR. #169 ROAD TOTAL	3.3	(FILL)

- 1. EXCESS MATERIALS SHALL BE STORED IN TEMORARY STOCKPILE AREAS AS SHOWN ON ROAD PLANS FOR CE47.
- 2. WHERE ADDITIONAL FILL MATERIAL IS REQUIRED, SUITABLE EXCESS MATERIALS FROM INSTALLATION AND RESTORATION OF OTHER ROADS WITHIN THE GWNF MAY BE USED.
- 3. OVERALL EARTHWORK BALANCES FOR CE47 WILL BE PROVIDED IN SUMMARY

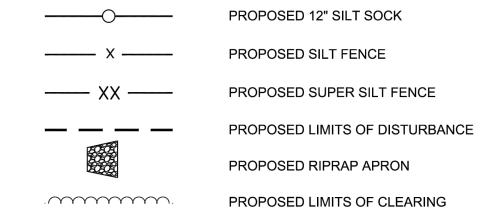
#### RESTORATION PLAN NOTES

PACKAGE.

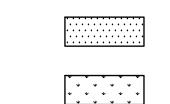
- PLAN SHOWN HERE REPRESENTS "RESTORATION PLAN". SEE SHEET FR240-20 FOR "INSTALLATION PLAN"
- 2. FOR SHENANDOAH CREST ZONE MITIGATION MEASURES, REFER TO ENVIRONMENTAL ASSESSMENT (EA), DESIGN ELEMENTS AND THREATENED &
- ENDANGERED SPECIES SECTIONS.

  3. FIELD MODIFICATIONS WITHIN THE PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) MAY BE APPROVED BY THE CONSTRUCTION COORDINATOR/CERTIFIED LAND DISTURBER AND NOTED ON THE DRAWING. FIELD MODIFICATIONS THAT EXTEND OUTSIDE OF PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) REQUIRE APPROVAL BY THE GWNF PRIOR TO IMPLEMENTATION.
- 4. CRANE PADS ARE TO BE STABILIZED AS SHOWN ON RESTORATION PLAN. DUE TO PRESENCE OF ROCK, SITE CONTRACTOR AND ENVIRONMENTAL COMPLIANCE COORDINATOR MAY USE GEOTECHNICAL DATA TO DETERMINE SOIL STABILITY AT CRANE PADS AFTER INSTALLATION.
- 5. NARROWED ROAD WIDTH AS SHOWN ON RESTORATION PLAN IS BASED ON THE AVERAGE EXISTING ROAD WIDTH DETERMINED BY LIDAR SURVEY.
- IN ADDITION TO TEMPORARY AND PERMANENT SEEDING, JUTE MATTING MAY BE REQUIRED TO ENSURE STABILIZATION.
- 7. REFER TO GEORGE WASHINGTON NATIONAL FOREST FORESTWIDE STANDARDS
  AND EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS
  INCLUDED AT THE FRONT OF THE TL 550 PHASE 3 CONSTRUCTION DOCUMENT
- 8. EXISTING GRADES SHOWN ON CROSS SECTIONS AND PLAN & PROFILE ARE BASED ON LIDAR DATA PROVIDED BY DOMINION ENERGY.
- 9. PROFILE SHOWS 8FT OFFSETS TO LEFT AND RIGHT OF CENTERLINE TO ILLUSTRATE EXISTING GRADE ON EDGE OF ROADWAY WITH 16FT WIDTH.

## E&SC LEGEND PROPOS



#### HATCH LEGEND



TEMPORARY & PERMANENT SEEDING, SEE DOMINION SPEC TE VEP 8000-13-00

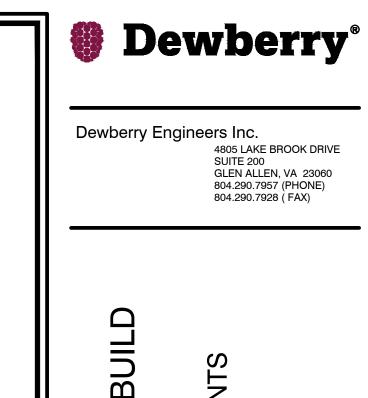
REVEGETATE AND DECOMPACT PER MITIGATION MEASURES IN EA

FR240-R4

50106442

SHEET NO

TITLE



RANSMISSION LINE REBU PROJECT TL 550 CONSTRUCTION DOCUMENTS

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE

0' 50' 100'

HORIZONTAL SCALE

PREVISIONS

DRAWN BY

APPROVED BY

CHECKED BY

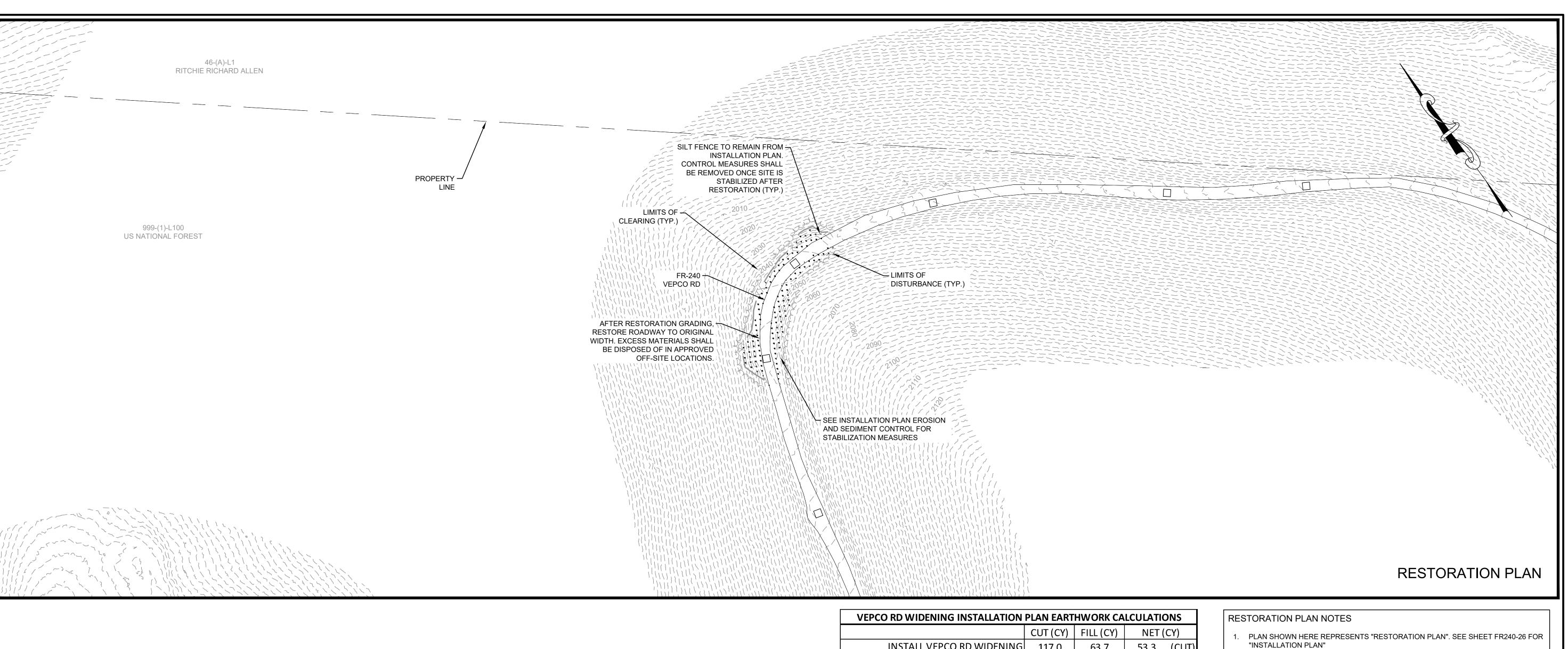
DATE

DATE

DATE

STR 169 RESTORATION PLAN

PROJECT NO.



VEPCO RD WIDENING INSTALLATION PLAN EARTHWORK CALCULATIONS					
	CUT (CY)	FILL (CY)	NET (CY)		
INSTALL VEPCO RD WIDENING	117.0	63.7	53.3	(CUT)	
INSTALLATION TOTALS	117.0	63.7	53.3	(FILL)	

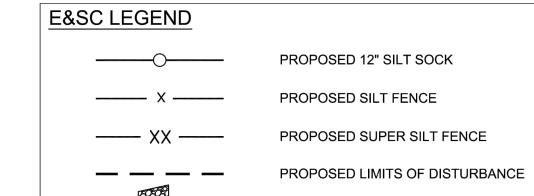
VEPCO RD WIDENING RESTORATION PLAN EARTHWORK CALCULATIONS					
		CUT (CY)	FILL (CY)	NET	(CY)
	RESTORE VEPCO RD WIDENING	0	0	0	(CUT)
	RESTORATION TOTALS	0	0	0	(CUT)

FINAL EARTHWORK BALANCE		
	NET	(CY)
VECO RD WIDENING INSTALLATION	53.3	(CUT)
VEPCO RD WIDENING RESTORATION	0	(FILL)
VEPCO ROAD WIDENING TOTAL	53.3	(CUT)

- 1. EXCESS MATERIALS SHALL BE STORED IN TEMORARY STOCKPILE AREAS AS SHOWN ON ROAD PLANS FOR CE47.
- 2. WHERE ADDITIONAL FILL MATERIAL IS REQUIRED, SUITABLE EXCESS MATERIALS FROM INSTALLATION AND RESTORATION OF OTHER ROADS WITHIN THE GWNF MAY BE USED.
- 3. OVERALL EARTHWORK BALANCES FOR CE47 WILL BE PROVIDED IN SUMMARY

- 2. FOR SHENANDOAH CREST ZONE MITIGATION MEASURES, REFER TO ENVIRONMENTAL ASSESSMENT (EA), DESIGN ELEMENTS AND THREATENED & ENDANGERED SPECIES SECTIONS.
- 3. FIELD MODIFICATIONS WITHIN THE PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) MAY BE APPROVED BY THE CONSTRUCTION COORDINATOR/CERTIFIED LAND DISTURBER AND NOTED ON THE DRAWING. FIELD MODIFICATIONS THAT EXTEND OUTSIDE OF PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) REQUIRE APPROVAL BY THE GWNF PRIOR TO IMPLEMENTATION.
- CRANE PADS ARE TO BE STABILIZED AS SHOWN ON RESTORATION PLAN. DUE TO PRESENCE OF ROCK, SITE CONTRACTOR AND ENVIRONMENTAL COMPLIANCE COORDINATOR MAY USE GEOTECHNICAL DATA TO DETERMINE SOIL STABILITY AT CRANE PADS AFTER INSTALLATION.
- NARROWED ROAD WIDTH AS SHOWN ON RESTORATION PLAN IS BASED ON THE AVERAGE EXISTING ROAD WIDTH DETERMINED BY LIDAR SURVEY.
- 6. IN ADDITION TO TEMPORARY AND PERMANENT SEEDING, JUTE MATTING MAY BE REQUIRED TO ENSURE STABILIZATION.
- 7. REFER TO GEORGE WASHINGTON NATIONAL FOREST FORESTWIDE STANDARDS AND EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS INCLUDED AT THE FRONT OF THE TL 550 PHASE 3 CONSTRUCTION DOCUMENT
- 8. EXISTING GRADES SHOWN ON CROSS SECTIONS AND PLAN & PROFILE ARE BASED
- ON LIDAR DATA PROVIDED BY DOMINION ENERGY. PROFILE SHOWS 8FT OFFSETS TO LEFT AND RIGHT OF CENTERLINE TO

ILLUSTRATE EXISTING GRADE ON EDGE OF ROADWAY WITH 16FT WIDTH.



PROPOSED RIPRAP APRON .PROPOSED LIMITS OF CLEARING

HATCH LEGEND

TEMPORARY & PERMANENT SEEDING, SEE DOMINION SPEC TE VEP 8000-13-00

REVEGETATE AND DECOMPACT PER MITIGATION MEASURES IN EA

FR240-R5

05/21/21

FR-240

VEPCO ROAD

RESTORATION

PLAN

50106442

REVISIONS

DRAWN BY

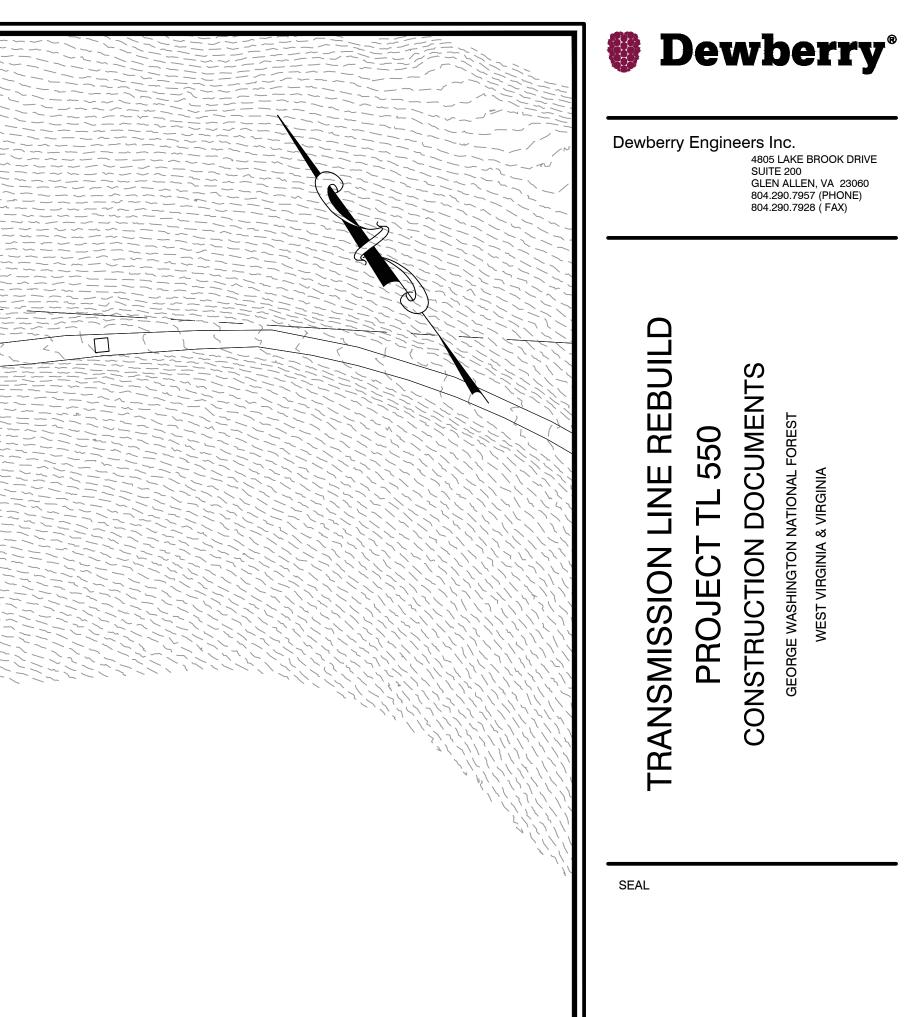
APPROVED BY

CHECKED BY

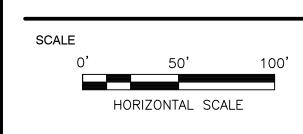
PROJECT NO.

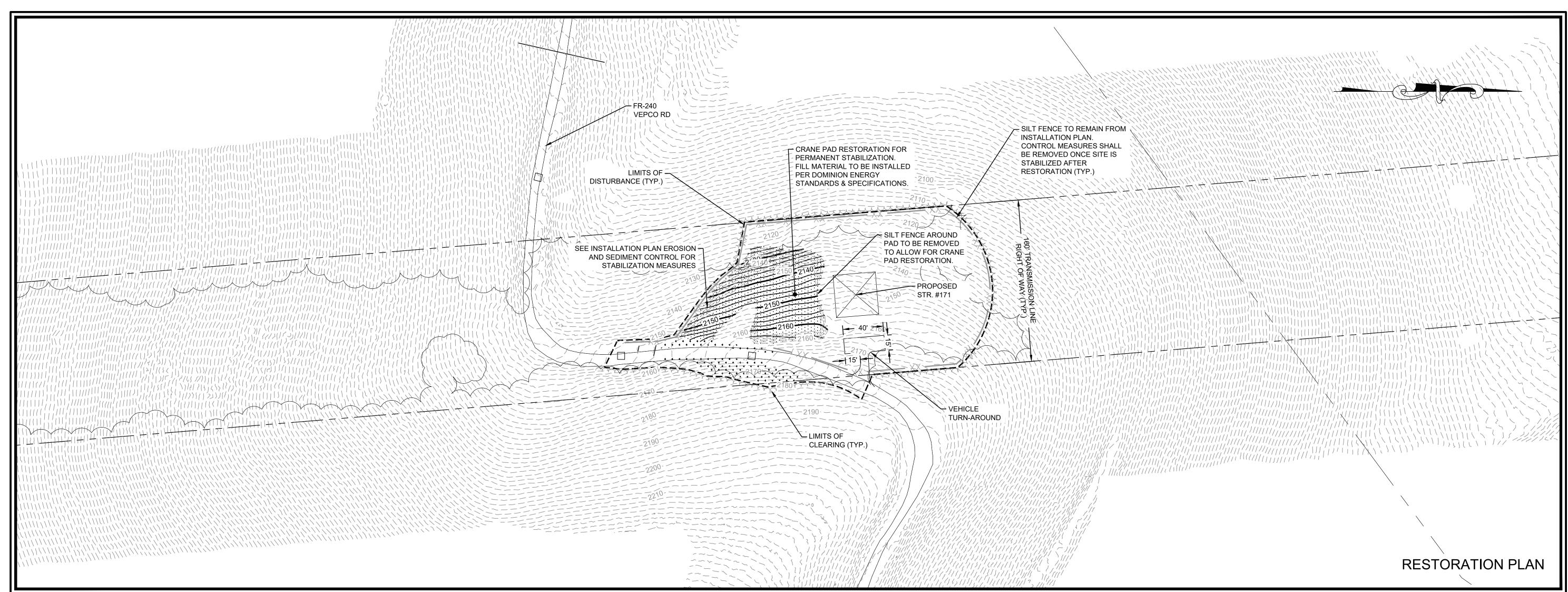
DATE

TITLE



**PRELIMINARY** NOT FOR CONSTRUCTION





STR. #171 INSTALLATION PLAN EARTHWORK CALCULATIONS					
	CUT (CY)	FILL (CY)	NET (	(CY)	
VEPCO RD IMPROVEMENT	56.8	9.2	47.6	(CUT)	
INSTALL CRANE PAD AT STR. #171	579.9	1203	623.1	(FILL)	
INSTALLATION TOTALS	636.7	1212.2	575.5	(FILL)	

STR. #171 RESTORATION PLAN EARTHWORK CALCULATIONS					
	CUT (CY)	FILL (CY)	NET (	CY)	
RESTORE CRANE PAD AT STR. #171	1203.3	579.0	624.3	(CUT)	
RESTORATION TOTALS	1203.3	579.0	624.3	(CUT)	

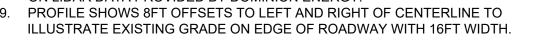
FINAL EARTHWORK BALANCE				
	NET (	(CY)		
STR. #171 INSTALLATION	575.5	(FILL)		
STR. #171 RESTORATION	624.3	(CUT)		
STR. #171 TOTAL	48.8	(CUT)		

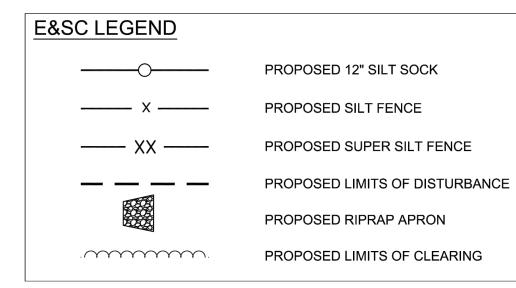
- 1. EXCESS MATERIALS SHALL BE STORED IN TEMORARY STOCKPILE AREAS AS SHOWN ON ROAD PLANS FOR CE47.
- 2. WHERE ADDITIONAL FILL MATERIAL IS REQUIRED, SUITABLE EXCESS MATERIALS FROM INSTALLATION AND RESTORATION OF OTHER ROADS WITHIN THE GWNF MAY
- 3. OVERAL EARTHWORK BALANCES FOR CE47 WILL BE PROVIDED IN SUMMARY TABLE.

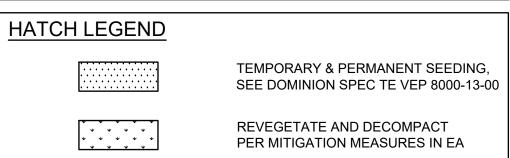
#### RESTORATION PLAN NOTES

PACKAGE.

- . PLAN SHOWN HERE REPRESENTS "RESTORATION PLAN". SEE SHEET FR240-29 FOR "INSTALLATION PLAN"
- 2. FOR SHENANDOAH CREST ZONE MITIGATION MEASURES, REFER TO ENVIRONMENTAL ASSESSMENT (EA), DESIGN ELEMENTS AND THREATENED &
- ENDANGERED SPECIES SECTIONS. 3. FIELD MODIFICATIONS WITHIN THE PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) MAY BE APPROVED BY THE CONSTRUCTION COORDINATOR/CERTIFIED LAND DISTURBER AND NOTED ON THE DRAWING. FIELD MODIFICATIONS THAT EXTEND OUTSIDE OF PERMITTED CONSTRUCTION LIMITS (AS
- SHOWN ON THE PROJECT MAPS) REQUIRE APPROVAL BY THE GWNF PRIOR TO IMPLEMENTATION. CRANE PADS ARE TO BE STABILIZED AS SHOWN ON RESTORATION PLAN. DUE TO PRESENCE OF ROCK, SITE CONTRACTOR AND ENVIRONMENTAL COMPLIANCE COORDINATOR MAY USE GEOTECHNICAL DATA TO DETERMINE SOIL STABILITY AT
- CRANE PADS AFTER INSTALLATION. NARROWED ROAD WIDTH AS SHOWN ON RESTORATION PLAN IS BASED ON THE
- AVERAGE EXISTING ROAD WIDTH DETERMINED BY LIDAR SURVEY. 6. IN ADDITION TO TEMPORARY AND PERMANENT SEEDING, JUTE MATTING MAY BE REQUIRED TO ENSURE STABILIZATION.
- REFER TO GEORGE WASHINGTON NATIONAL FOREST FORESTWIDE STANDARDS AND EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS INCLUDED AT THE FRONT OF THE TL 550 PHASE 3 CONSTRUCTION DOCUMENT
- 8. EXISTING GRADES SHOWN ON CROSS SECTIONS AND PLAN & PROFILE ARE BASED
- ON LIDAR DATA PROVIDED BY DOMINION ENERGY.









Dewberry Engineers Inc. 4805 LAKE BROOK DRIVE SUITE 200 GLEN ALLEN, VA 23060 804.290.7957 (PHONE) 804.290.7928 ( FAX)

**PRELIMINARY** NOT FOR CONSTRUCTION

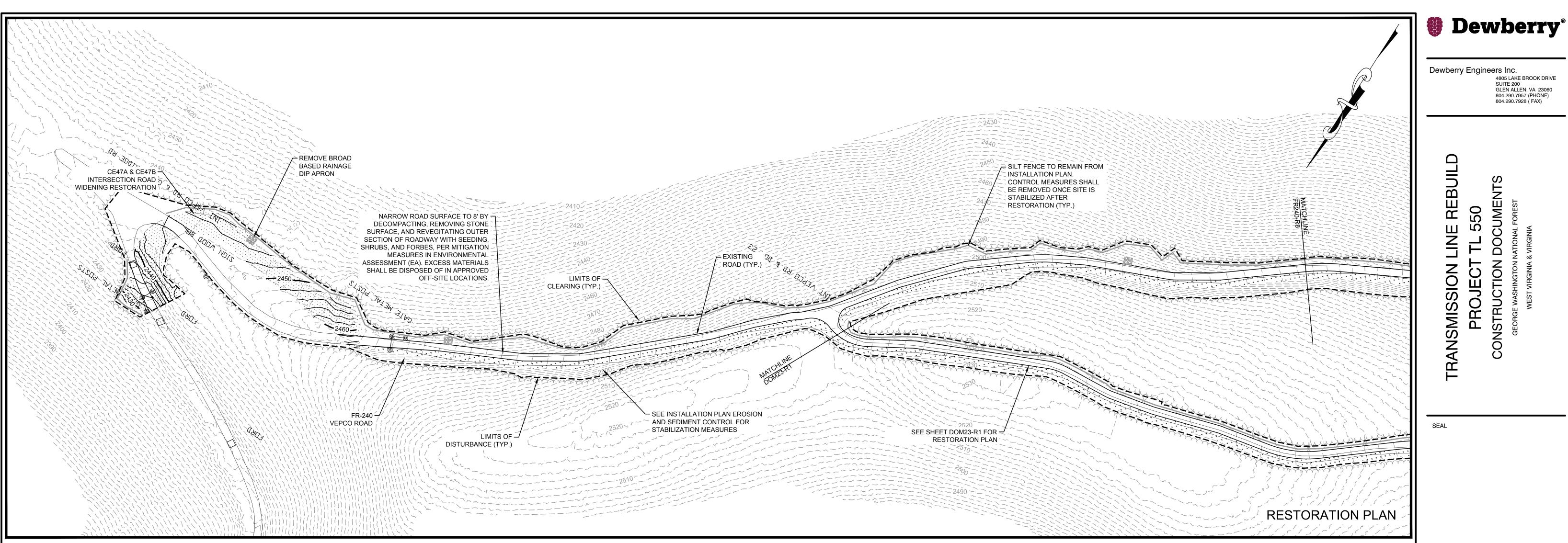
SCALE HORIZONTAL SCALE

REVISIONS DRAWN BY APPROVED BY CHECKED BY 05/21/21 DATE TITLE

> STR 171 RESTORATION PLAN

PROJECT NO. 50106442

FR240-R6



STA 419+50 TO 433+50 RESTORATION PLAN EARTHWORK CALCULATIONS					
	CUT (CY)	FILL (CY)	NET (	CY)	
RESTORE VEPCO ROAD IMPROVEMENT	166.7	231.8	65.1	(FILL)	
8' ROAD DECOMPACTING	207.4	0.0	207.4	(CUT)	
RESTORATION TOTALS	374.1	231.8	142.3	(CUT)	

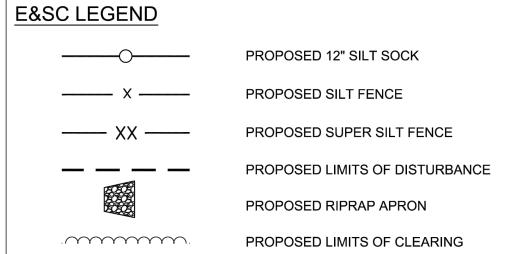
FINAL EARTHWORK BALANCE				
	NET (	CY)		
STA 419+50 TO 433+50 INSTALLATION	393.5	(CUT		
STA 419+50 TO 433+50 RESTORATION	142.3	(CUT		
STA 419+50 TO 433+50 TOTAL	535.8	(CUT		

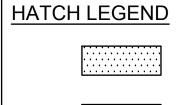
- PLAN SHOWN HERE REPRESENTS "RESTORATION PLAN". SEE SHEET FR240-32 FOR "INSTALLATION PLAN"
- 2. FOR SHENANDOAH CREST ZONE MITIGATION MEASURES, REFER TO ENVIRONMENTAL ASSESSMENT (EA), DESIGN ELEMENTS AND THREATENED & ENDANGERED SPECIES SECTIONS.
- 3. FIELD MODIFICATIONS WITHIN THE PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) MAY BE APPROVED BY THE CONSTRUCTION COORDINATOR/CERTIFIED LAND DISTURBER AND NOTED ON THE DRAWING. FIELD MODIFICATIONS THAT EXTEND OUTSIDE OF PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) REQUIRE APPROVAL BY THE GWNF PRIOR TO IMPLEMENTATION.
- . CRANE PADS ARE TO BE STABILIZED AS SHOWN ON RESTORATION PLAN. DUE TO PRESENCE OF ROCK, SITE CONTRACTOR AND ENVIRONMENTAL COMPLIANCE COORDINATOR MAY USE GEOTECHNICAL DATA TO DETERMINE SOIL STABILITY AT CRANE PADS AFTER INSTALLATION.
- 5. NARROWED ROAD WIDTH AS SHOWN ON RESTORATION PLAN IS BASED ON THE AVERAGE EXISTING ROAD WIDTH DETERMINED BY LIDAR SURVEY.
- 6. IN ADDITION TO TEMPORARY AND PERMANENT SEEDING, JUTE MATTING MAY BE REQUIRED TO ENSURE STABILIZATION.

. REFER TO GEORGE WASHINGTON NATIONAL FOREST FORESTWIDE STANDARDS

- AND EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS INCLUDED AT THE FRONT OF THE TL 550 PHASE 3 CONSTRUCTION DOCUMENT PACKAGE.
- 8. EXISTING GRADES SHOWN ON CROSS SECTIONS AND PLAN & PROFILE ARE BASED ON LIDAR DATA PROVIDED BY DOMINION ENERGY.
- 9. PROFILE SHOWS 8FT OFFSETS TO LEFT AND RIGHT OF CENTERLINE TO







TEMPORARY & PERMANENT SEEDING, SEE DOMINION SPEC TE VEP 8000-13-00

REVEGETATE AND DECOMPACT PROJECT NO. PER MITIGATION MEASURES IN EA

FR240-R7

05/21/21

FR-240

VEPCO ROAD

RESTORATION

PLAN

50106442

REVISIONS

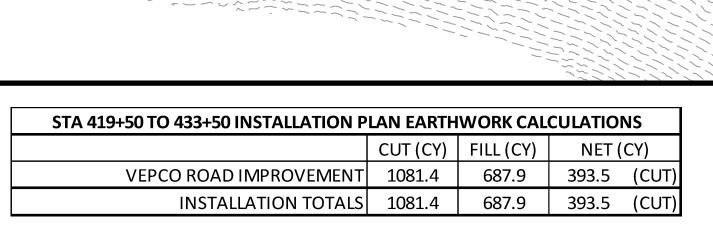
DRAWN BY

APPROVED BY

CHECKED BY

DATE

TITLE

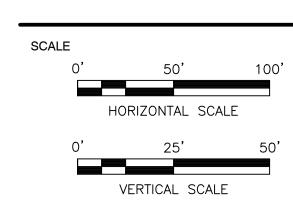


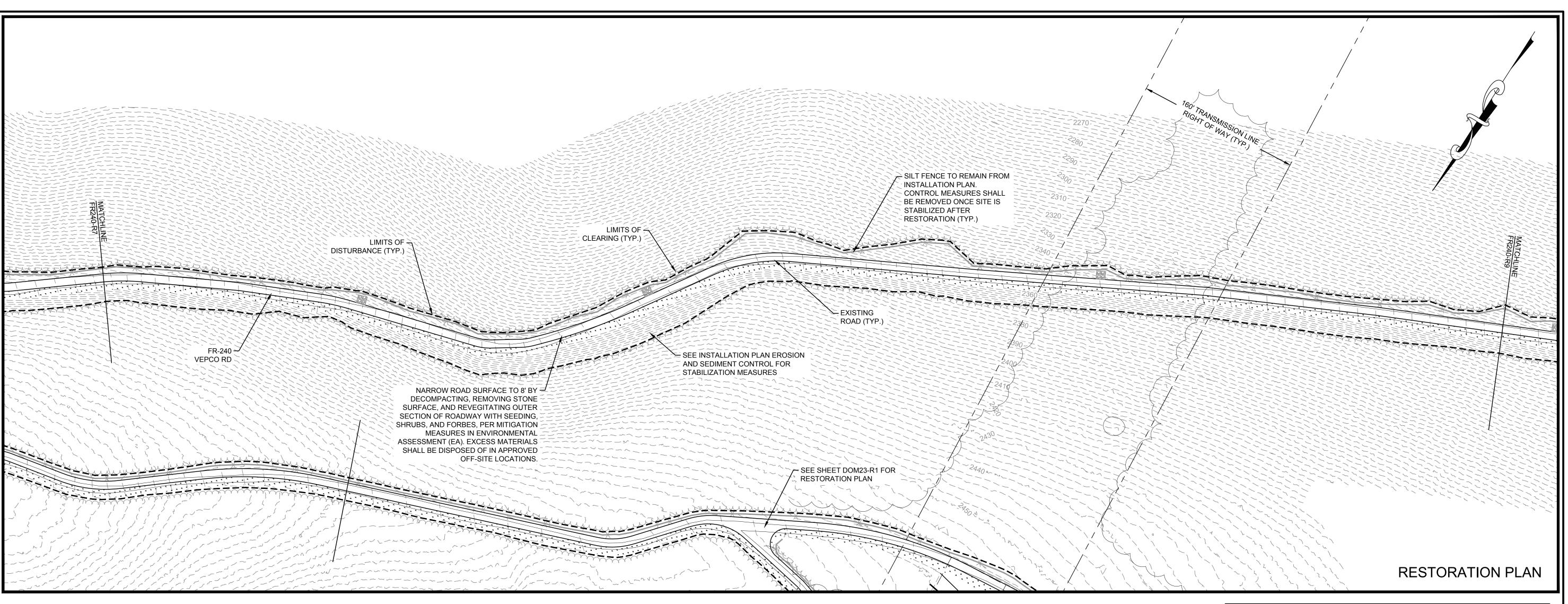
STA 419+50 TO 433+50 RESTORATION PLAN EARTHWORK CALCULATIONS					
	CUT (CY)	CUT (CY) FILL (CY) NET (CY)			
RESTORE VEPCO ROAD IMPROVEMENT	166.7	231.8	65.1	(FILL)	
8' ROAD DECOMPACTING	207.4	0.0	207.4	(CUT)	
RESTORATION TOTALS	374.1	231.8	142.3	(CUT)	

FINAL EARTHWORK BALANCE		
	NET (	CY)
STA 419+50 TO 433+50 INSTALLATION	393.5	(CUT)
STA 419+50 TO 433+50 RESTORATION	142.3	(CUT)
STA 419+50 TO 433+50 TOTAL	535.8	(CUT)

4805 LAKE BROOK DRIVE SUITE 200 GLEN ALLEN, VA 23060 804.290.7957 (PHONE) 804.290.7928 (FAX)

**PRELIMINARY** NOT FOR CONSTRUCTION



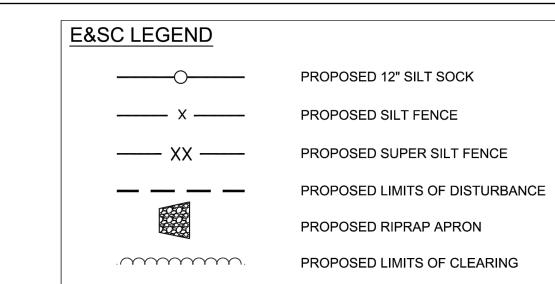


STA 433+50 TO 447+50 INSTALLATION PLAN EARTHWORK CALCULATIONS					
	CUT (CY)	FILL (CY)	NET (CY)		
VEPCO ROAD IMPROVEMENT	2486.6	367.7	2118.9 (CUT)		
INSTALLATION TOTALS	2486.6	367.7	2118.9 (CUT)		

STA 433+50 TO 447+50 RESTORATION PLAN EARTHWORK CALCULATIONS					
	CUT (CY)	FILL (CY)	NET (CY)		
8' ROAD DECOMPACTING	207.4	0.0	207.4	(CUT)	
RESTORATION TOTALS	207.4	0.0	207.4	(CUT)	

FINAL EARTHWORK BALANCE	
	NET (CY)
STA 433+50 TO 447+50 INSTALLATION	2118.9 (CUT)
STA 433+50 TO 447+50 RESTORATION	207.4 (CUT)
STA 433+50 TO 447+50 TOTAL	2326.3 (CUT)

- ON THE PROJECT MAPS) MAY BE APPROVED BY THE CONSTRUCTION COORDINATOR/CERTIFIED LAND DISTURBER AND NOTED ON THE DRAWING. FIELD MODIFICATIONS THAT EXTEND OUTSIDE OF PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) REQUIRE APPROVAL BY THE GWNF PRIOR TO IMPLEMENTATION.
- 4. CRANE PADS ARE TO BE STABILIZED AS SHOWN ON RESTORATION PLAN. DUE TO PRESENCE OF ROCK, SITE CONTRACTOR AND ENVIRONMENTAL COMPLIANCE COORDINATOR MAY USE GEOTECHNICAL DATA TO DETERMINE SOIL STABILITY AT CRANE PADS AFTER INSTALLATION.
- 5. NARROWED ROAD WIDTH AS SHOWN ON RESTORATION PLAN IS BASED ON THE AVERAGE EXISTING ROAD WIDTH DETERMINED BY LIDAR SURVEY.
- 6. IN ADDITION TO TEMPORARY AND PERMANENT SEEDING, JUTE MATTING MAY BE REQUIRED TO ENSURE STABILIZATION.
- REFER TO GEORGE WASHINGTON NATIONAL FOREST FORESTWIDE STANDARDS AND EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS INCLUDED AT THE FRONT OF THE TL 550 PHASE 3 CONSTRUCTION DOCUMENT PACKAGE.
- 8. EXISTING GRADES SHOWN ON CROSS SECTIONS AND PLAN & PROFILE ARE BASED ON LIDAR DATA PROVIDED BY DOMINION ENERGY.
- PROFILE SHOWS 8FT OFFSETS TO LEFT AND RIGHT OF CENTERLINE TO ILLUSTRATE EXISTING GRADE ON EDGE OF ROADWAY WITH 16FT WIDTH.





TEMPORARY & PERMANENT SEEDING, SEE DOMINION SPEC TE VEP 8000-13-00 REVEGETATE AND DECOMPACT

50106442 PROJECT NO.

FR240-R8

05/21/21

FR-240

VEPCO ROAD

RESTORATION

PLAN

REVISIONS

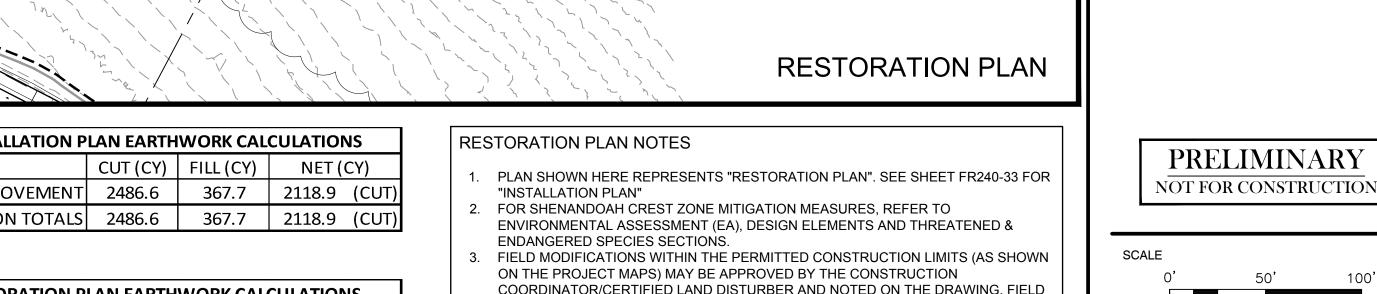
DRAWN BY

APPROVED BY

CHECKED BY

DATE

TITLE



**PRELIMINARY** 

HORIZONTAL SCALE

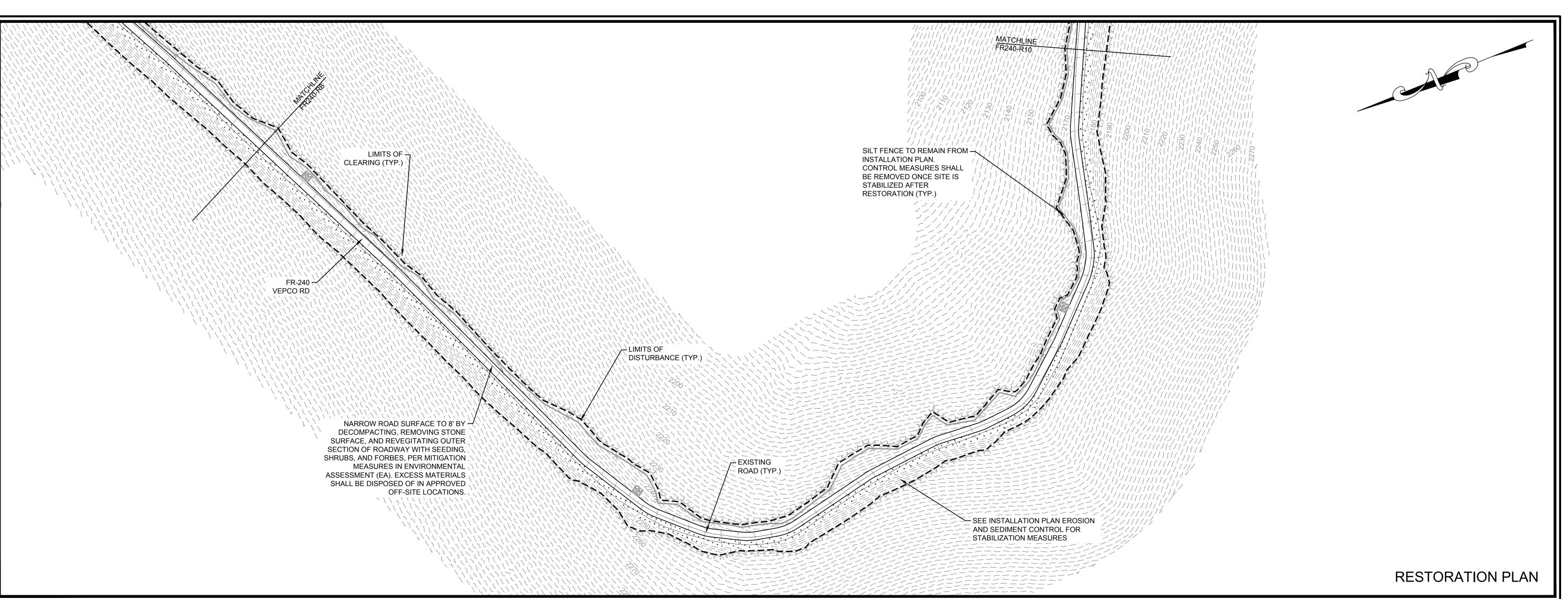
VERTICAL SCALE

Dewberry\*

4805 LAKE BROOK DRIVE SUITE 200 GLEN ALLEN, VA 23060

804.290.7957 (PHONE) 804.290.7928 ( FAX)

Dewberry Engineers Inc.



STA 447+50 TO 460+50 INSTALLATION PLAN EARTHWORK CALCULATIONS					
	CUT (CY)	FILL (CY)	NET (CY)		
VEPCO ROAD IMPROVEMENT	1372.0	631.0	741.0 (CL	JT)	
INSTALLATION TOTALS	1372.0	631.0	741.0 (CL	JT)	

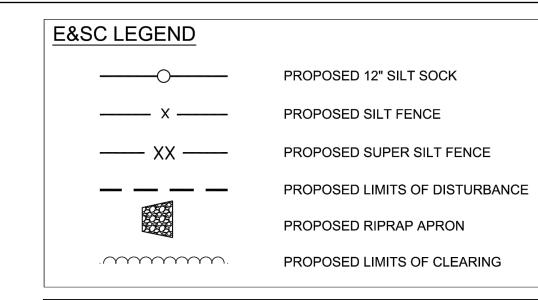
STA 447+50 TO 460+50 RESTORATION P	LAN EARTH	<b>WORK CAL</b>	CULATIO	NS
	CUT (CY)	FILL (CY)	NET (	CY)
8' ROAD DECOMPACTING	192.6	0.0	192.6	(CUT
RESTORATION TOTALS	192.6	0.0	192.6	(CUT

FINAL EARTHWORK BALANCE					
	NET (	CY)			
STA 447+50 TO 460+50 INSTALLATION	741.0	(CUT			
STA 447+50 TO 460+50 RESTORATION	192.6	(CUT			
STA 447+50 TO 460+50 TOTAL	933.6	(CUT			

PACKAGE.

- PLAN SHOWN HERE REPRESENTS "RESTORATION PLAN". SEE SHEET FR240-34 FOR
  "INSTALLATION PLAN"

  \*\*TRUST OF THE PROPERTY OF THE
- 2. FOR SHENANDOAH CREST ZONE MITIGATION MEASURES, REFER TO ENVIRONMENTAL ASSESSMENT (EA), DESIGN ELEMENTS AND THREATENED & ENDANGERED SPECIES SECTIONS.
- 3. FIELD MODIFICATIONS WITHIN THE PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) MAY BE APPROVED BY THE CONSTRUCTION COORDINATOR/CERTIFIED LAND DISTURBER AND NOTED ON THE DRAWING. FIELD MODIFICATIONS THAT EXTEND OUTSIDE OF PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) REQUIRE APPROVAL BY THE GWNF PRIOR TO IMPLEMENTATION.
- 4. CRANE PADS ARE TO BE STABILIZED AS SHOWN ON RESTORATION PLAN. DUE TO PRESENCE OF ROCK, SITE CONTRACTOR AND ENVIRONMENTAL COMPLIANCE COORDINATOR MAY USE GEOTECHNICAL DATA TO DETERMINE SOIL STABILITY AT CRANE PADS AFTER INSTALLATION.
- 5. NARROWED ROAD WIDTH AS SHOWN ON RESTORATION PLAN IS BASED ON THE AVERAGE EXISTING ROAD WIDTH DETERMINED BY LIDAR SURVEY.
- IN ADDITION TO TEMPORARY AND PERMANENT SEEDING, JUTE MATTING MAY BE REQUIRED TO ENSURE STABILIZATION.
- 7. REFER TO GEORGE WASHINGTON NATIONAL FOREST FORESTWIDE STANDARDS
  AND EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS
  INCLUDED AT THE FRONT OF THE TL 550 PHASE 3 CONSTRUCTION DOCUMENT
- 8. EXISTING GRADES SHOWN ON CROSS SECTIONS AND PLAN & PROFILE ARE BASED ON LIDAR DATA PROVIDED BY DOMINION ENERGY.
- 9. PROFILE SHOWS 8FT OFFSETS TO LEFT AND RIGHT OF CENTERLINE TO ILLUSTRATE EXISTING GRADE ON EDGE OF ROADWAY WITH 16FT WIDTH.







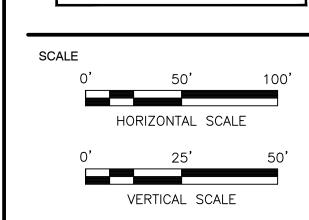
Dewberry Engineers Inc.

4805 LAKE BROOK DRIVE
SUITE 200
GLEN ALLEN, VA 23060
804.290.7957 (PHONE)
804.290.7928 (FAX)

ASMISSION LINE REBUII
PROJECT TL 550
ONSTRUCTION DOCUMENTS

EAL

PRELIMINARY
NOT FOR CONSTRUCTION



DRAWN BY

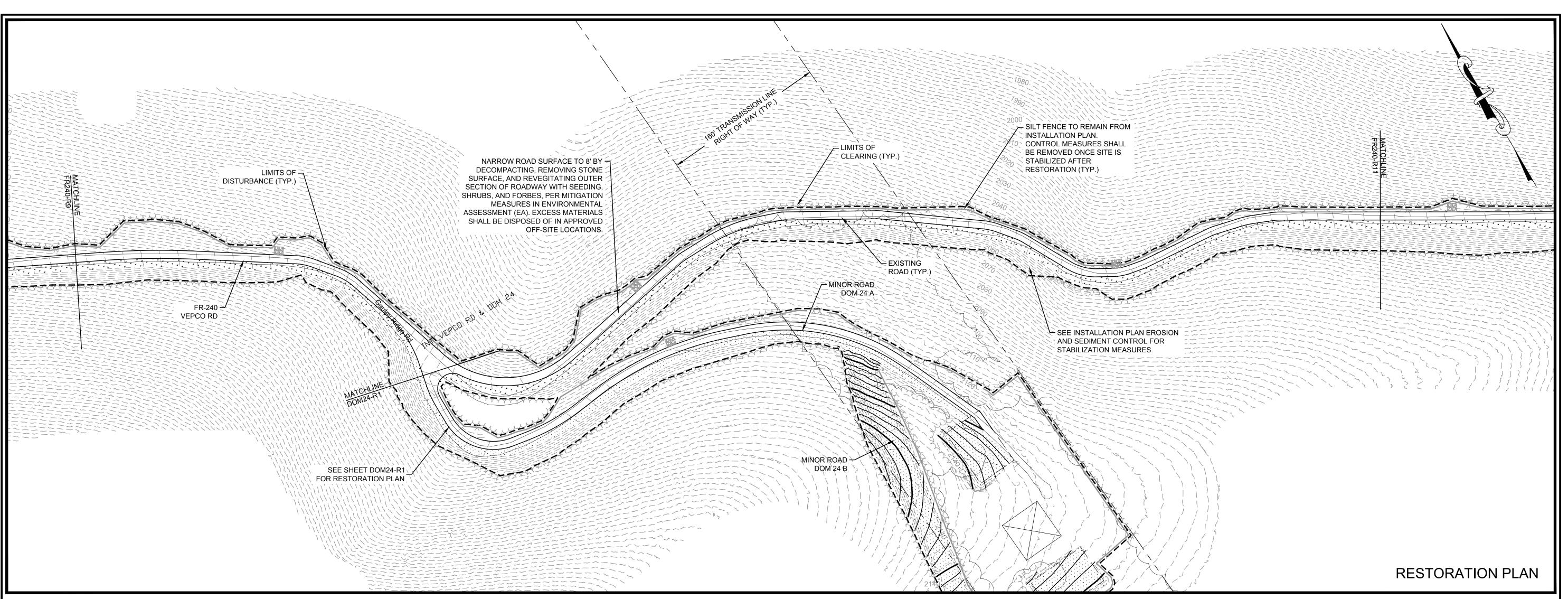
APPROVED BY
CHECKED BY
DATE

FR-240
VEPCO ROAD
RESTORATION
PLAN

PROJECT NO. 50106442

FR240-R9

SHEET NO

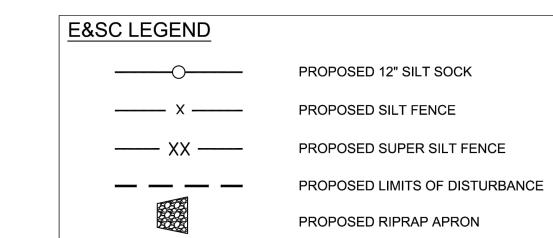


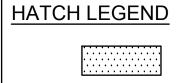
STA 460+50 TO 474+50 INSTALLATION PLAN EARTHWORK CALCULATIONS					
	CUT (CY)	FILL (CY)	NET (CY)		
VEPCO ROAD IMPROVEMENT	2045.0	485.4	1559.6 (CUT)		
INSTALLATION TOTALS	2045.0	485.4	1559.6 (CUT)		

STA 460+50 TO 474+50 RESTORATION PLAN EARTHWORK CALCULATIONS							
	CUT (CY)	FILL (CY)	NET (	CY)			
8' ROAD DECOMPACTING	207.4	0.0	207.4	(CUT)			
RESTORATION TOTALS	207.4	0.0	207.4	(CUT)			

FINAL EARTHWORK BALANCE				
	NET (CY)			
STA 460+50 TO 474+50 INSTALLATION	1559.6 (CUT)			
STA 460+50 TO 474+50 RESTORATION	207.4 (CUT)			
STA 460+50 TO 474+50 TOTAL	1767.0 (CUT)			

- 1. PLAN SHOWN HERE REPRESENTS "RESTORATION PLAN". SEE SHEET FR240-35 FOR "INSTALLATION PLAN"
- 2. FOR SHENANDOAH CREST ZONE MITIGATION MEASURES, REFER TO ENVIRONMENTAL ASSESSMENT (EA), DESIGN ELEMENTS AND THREATENED & ENDANGERED SPECIES SECTIONS.
- 3. FIELD MODIFICATIONS WITHIN THE PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) MAY BE APPROVED BY THE CONSTRUCTION COORDINATOR/CERTIFIED LAND DISTURBER AND NOTED ON THE DRAWING. FIELD MODIFICATIONS THAT EXTEND OUTSIDE OF PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) REQUIRE APPROVAL BY THE GWNF PRIOR TO IMPLEMENTATION.
- CRANE PADS ARE TO BE STABILIZED AS SHOWN ON RESTORATION PLAN. DUE TO PRESENCE OF ROCK, SITE CONTRACTOR AND ENVIRONMENTAL COMPLIANCE COORDINATOR MAY USE GEOTECHNICAL DATA TO DETERMINE SOIL STABILITY AT CRANE PADS AFTER INSTALLATION.
- NARROWED ROAD WIDTH AS SHOWN ON RESTORATION PLAN IS BASED ON THE AVERAGE EXISTING ROAD WIDTH DETERMINED BY LIDAR SURVEY.
- 6. IN ADDITION TO TEMPORARY AND PERMANENT SEEDING, JUTE MATTING MAY BE REQUIRED TO ENSURE STABILIZATION.
- REFER TO GEORGE WASHINGTON NATIONAL FOREST FORESTWIDE STANDARDS AND EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS INCLUDED AT THE FRONT OF THE TL 550 PHASE 3 CONSTRUCTION DOCUMENT PACKAGE.
- 8. EXISTING GRADES SHOWN ON CROSS SECTIONS AND PLAN & PROFILE ARE BASED ON LIDAR DATA PROVIDED BY DOMINION ENERGY.
- PROFILE SHOWS 8FT OFFSETS TO LEFT AND RIGHT OF CENTERLINE TO ILLUSTRATE EXISTING GRADE ON EDGE OF ROADWAY WITH 16FT WIDTH.





.

TEMPORARY & PERMANENT SEEDING, SEE DOMINION SPEC TE VEP 8000-13-00

PROPOSED LIMITS OF CLEARING

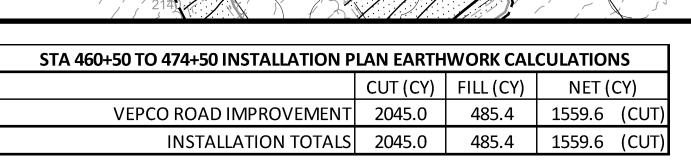
REVEGETATE AND DECOMPACT PER MITIGATION MEASURES IN EA

APPROVED BY CHECKED BY 05/21/21 DATE TITLE FR-240 VEPCO ROAD RESTORATION PLAN 50106442 PROJECT NO.

FR240-R10

REVISIONS

DRAWN BY



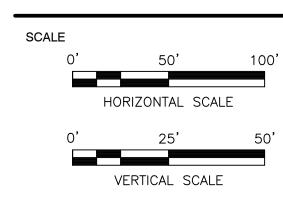
FINAL EARTHWORK BALANCE				
	NET (CY)			
STA 460+50 TO 474+50 INSTALLATION	1559.6 (CUT)			
STA 460+50 TO 474+50 RESTORATION	207.4 (CUT)			
STA 460+50 TO 474+50 TOTAL	1767.0 (CUT)			

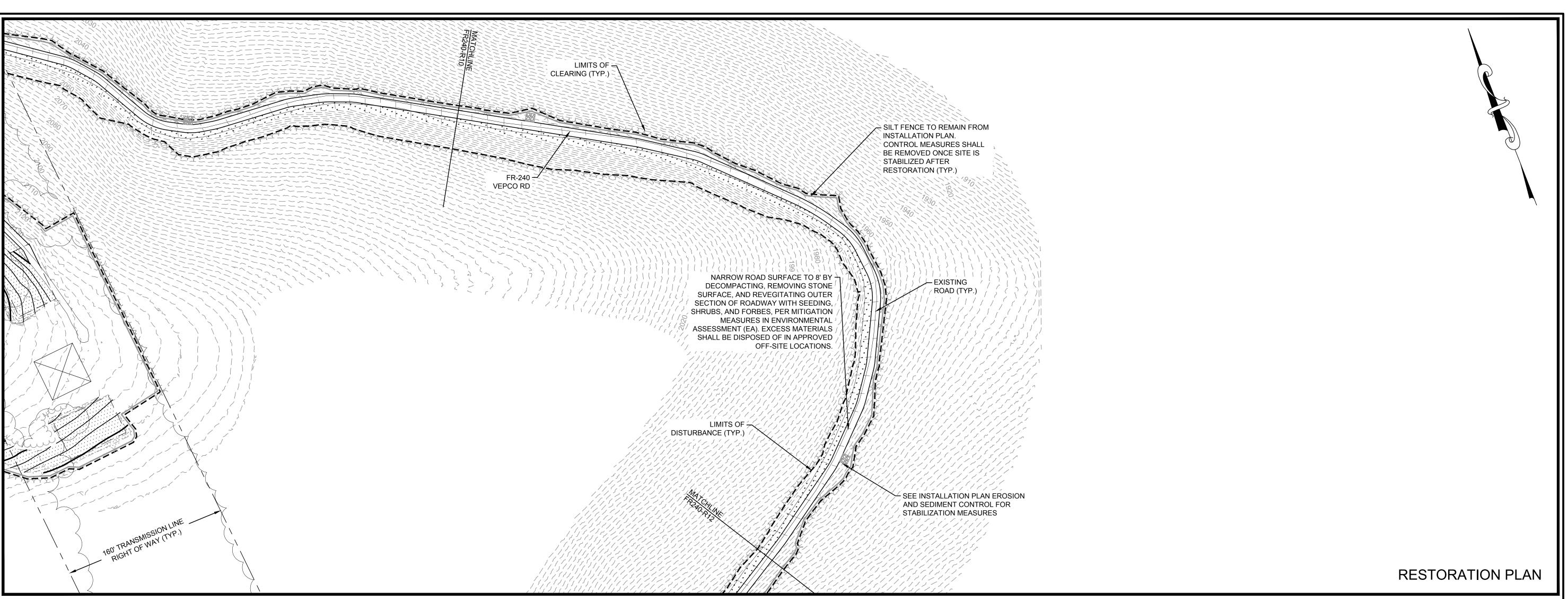
Dewberry\*

4805 LAKE BROOK DRIVE SUITE 200 GLEN ALLEN, VA 23060 804.290.7957 (PHONE) 804.290.7928 (FAX)

Dewberry Engineers Inc.

**PRELIMINARY** NOT FOR CONSTRUCTION





STA 474+50 TO 482+00 INSTALLATION PLAN EARTHWORK CALCULATIONS					
	CUT (CY)	FILL (CY)	NET (CY)		
VEPCO ROAD IMPROVEMENT	1517.5	127.7	1389.8 (CUT)		
INSTALLATION TOTALS	1517.5	127.7	1389.8 (CUT)		

STA 474+50 TO 482+00 RESTORATION PLAN EARTHWORK CALCULATIONS								
		CUT (CY)	FILL (CY)	NET (	CY)			
	8' ROAD DECOMPACTING	111.1	0.0	111.1	(CUT)			
	RESTORATION TOTALS	111.1	0.0	111.1	(CUT)			
		*	*					

FINAL EARTHWORK BALANCE	
	NET (CY)
STA 474+50 TO 482+00 INSTALLATION	1389.8 (CU
STA 474+50 TO 482+00 RESTORATION	111.1 (CU
STA 474+50 TO 482+00 TOTAL	1500.9 (CU

1. PLAN SHOWN HERE REPRESENTS "RESTORATION PLAN". SEE SHEET FR240-36 FOR "INSTALLATION PLAN"

2. FOR SHENANDOAH CREST ZONE MITIGATION MEASURES, REFER TO

- ENVIRONMENTAL ASSESSMENT (EA), DESIGN ELEMENTS AND THREATENED & ENDANGERED SPECIES SECTIONS. 3. FIELD MODIFICATIONS WITHIN THE PERMITTED CONSTRUCTION LIMITS (AS SHOWN
- ON THE PROJECT MAPS) MAY BE APPROVED BY THE CONSTRUCTION COORDINATOR/CERTIFIED LAND DISTURBER AND NOTED ON THE DRAWING. FIELD MODIFICATIONS THAT EXTEND OUTSIDE OF PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) REQUIRE APPROVAL BY THE GWNF PRIOR TO IMPLEMENTATION.
- CRANE PADS ARE TO BE STABILIZED AS SHOWN ON RESTORATION PLAN. DUE TO PRESENCE OF ROCK, SITE CONTRACTOR AND ENVIRONMENTAL COMPLIANCE COORDINATOR MAY USE GEOTECHNICAL DATA TO DETERMINE SOIL STABILITY AT
- CRANE PADS AFTER INSTALLATION. 5. NARROWED ROAD WIDTH AS SHOWN ON RESTORATION PLAN IS BASED ON THE
- 6. IN ADDITION TO TEMPORARY AND PERMANENT SEEDING, JUTE MATTING MAY BE REQUIRED TO ENSURE STABILIZATION.

AVERAGE EXISTING ROAD WIDTH DETERMINED BY LIDAR SURVEY.

- 7. REFER TO GEORGE WASHINGTON NATIONAL FOREST FORESTWIDE STANDARDS AND EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS INCLUDED AT THE FRONT OF THE TL 550 PHASE 3 CONSTRUCTION DOCUMENT
- 8. EXISTING GRADES SHOWN ON CROSS SECTIONS AND PLAN & PROFILE ARE BASED
- ON LIDAR DATA PROVIDED BY DOMINION ENERGY. 9. PROFILE SHOWS 8FT OFFSETS TO LEFT AND RIGHT OF CENTERLINE TO
- ILLUSTRATE EXISTING GRADE ON EDGE OF ROADWAY WITH 16FT WIDTH.

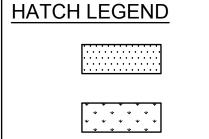
### E&SC LEGEND PROPOSED 12" SILT SOCK PROPOSED SILT FENCE PROPOSED SUPER SILT FENCE

.~~~~~.

PROPOSED LIMITS OF CLEARING

PROPOSED LIMITS OF DISTURBANCE

PROPOSED RIPRAP APRON



REVEGETATE AND DECOMPACT PER MITIGATION MEASURES IN EA

RESTORATION TEMPORARY & PERMANENT SEEDING, SEE DOMINION SPEC TE VEP 8000-13-00 PLAN 50106442 PROJECT NO.

FR240-R11

05/21/21

FR-240

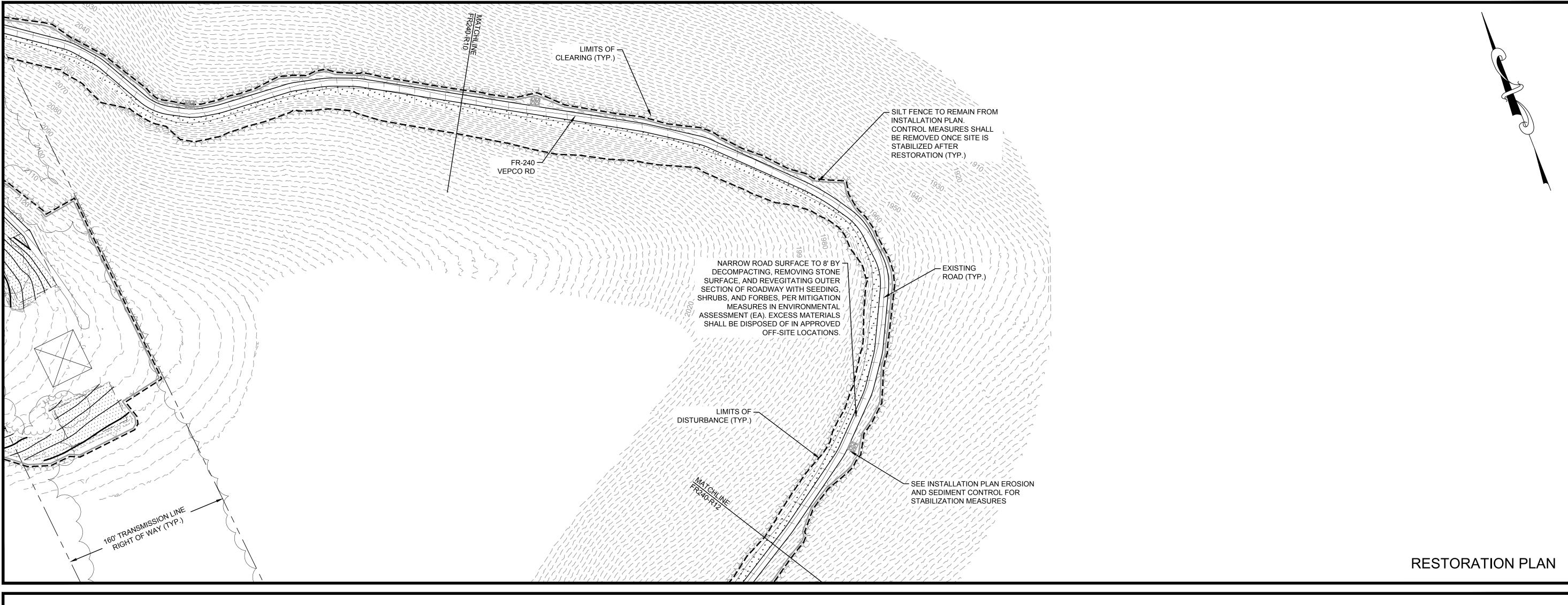
VEPCO ROAD

REVISIONS

DRAWN BY

APPROVED BY

CHECKED BY

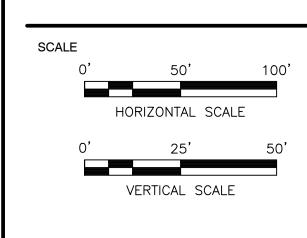


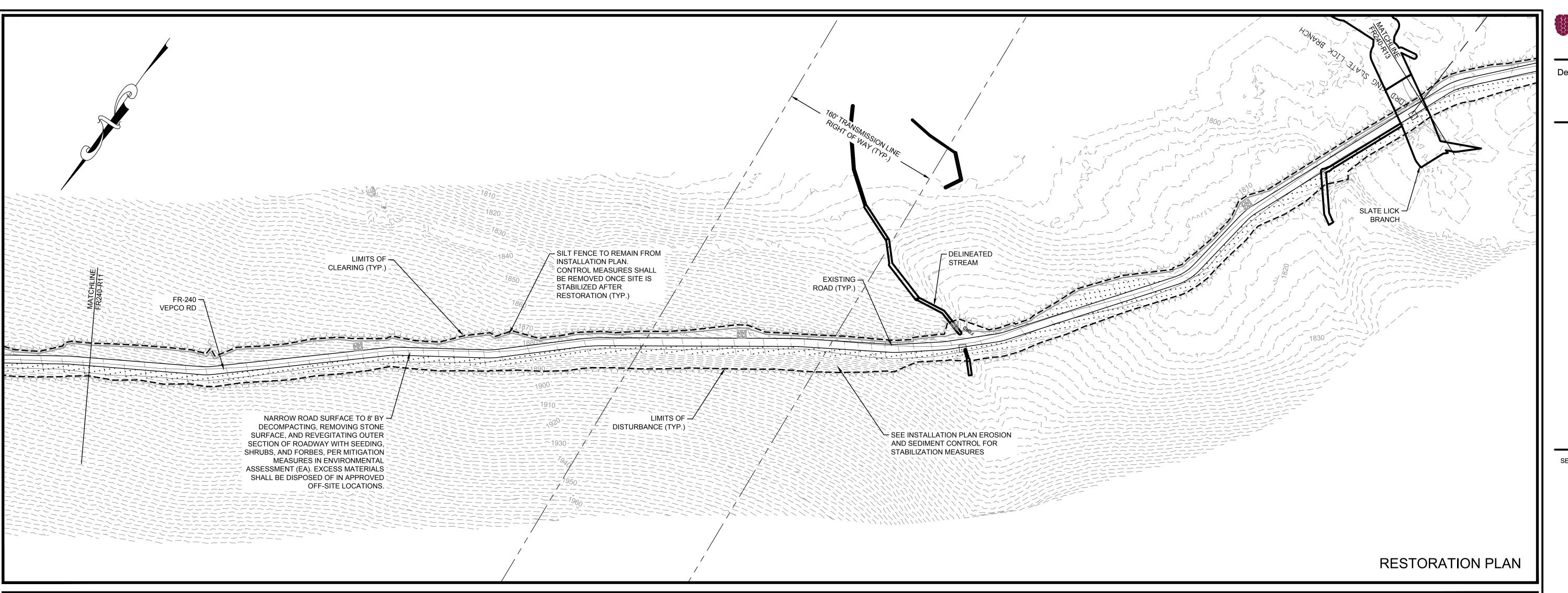


Dewberry\*

4805 LAKE BROOK DRIVE SUITE 200 GLEN ALLEN, VA 23060 804.290.7957 (PHONE) 804.290.7928 (FAX)

Dewberry Engineers Inc.





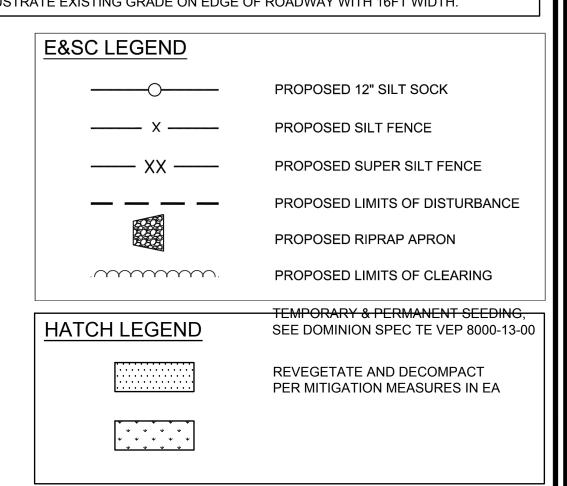
STA 482+00 TO 496+00 INSTALLATION PLAN EARTHWORK CALCULATIONS					
	CUT (CY)	FILL (CY)	NET (	CY)	
VEPCO ROAD IMPROVEMENT	812.3	687.2	125.1	(CUT)	
INSTALLATION TOTALS	812.3	687.2	125.1	(CUT)	

CUT (CY)         FILL (CY)         NET (CY)           8' ROAD DECOMPACTING         207.4         0.0         207.4 (CUT)	STA 482+00 TO 496+00 RESTORATION PLAN EARTHWORK CALCULATIONS					
8' ROAD DECOMPACTING 207.4 0.0 207.4 (CUT		CUT (CY)	FILL (CY)	NET (	CY)	
·	8' ROAD DECOMPACTING	207.4	0.0	207.4	(CUT)	
RESTORATION TOTALS 207.4 0.0 207.4 (CUT	RESTORATION TOTALS	207.4	0.0	207.4	(CUT)	

FINAL EARTHWORK BALANCE		
	NET (	CY)
STA 482+00 TO 496+00 INSTALLATION	125.1	(CUT)
STA 482+00 TO 496+00 RESTORATION	207.4	(CUT)
STA 482+00 TO 496+00 TOTAL	332.5	(CUT)

- 1. PLAN SHOWN HERE REPRESENTS "RESTORATION PLAN". SEE SHEET FR240-37 FOR "INSTALLATION PLAN"
- 2. FOR SHENANDOAH CREST ZONE MITIGATION MEASURES, REFER TO ENVIRONMENTAL ASSESSMENT (EA), DESIGN ELEMENTS AND THREATENED &
- ENDANGERED SPECIES SECTIONS. 3. FIELD MODIFICATIONS WITHIN THE PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) MAY BE APPROVED BY THE CONSTRUCTION COORDINATOR/CERTIFIED LAND DISTURBER AND NOTED ON THE DRAWING. FIELD
- MODIFICATIONS THAT EXTEND OUTSIDE OF PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) REQUIRE APPROVAL BY THE GWNF PRIOR TO IMPLEMENTATION. CRANE PADS ARE TO BE STABILIZED AS SHOWN ON RESTORATION PLAN. DUE TO
- PRESENCE OF ROCK, SITE CONTRACTOR AND ENVIRONMENTAL COMPLIANCE COORDINATOR MAY USE GEOTECHNICAL DATA TO DETERMINE SOIL STABILITY AT CRANE PADS AFTER INSTALLATION.
- NARROWED ROAD WIDTH AS SHOWN ON RESTORATION PLAN IS BASED ON THE AVERAGE EXISTING ROAD WIDTH DETERMINED BY LIDAR SURVEY.
- 6. IN ADDITION TO TEMPORARY AND PERMANENT SEEDING, JUTE MATTING MAY BE REQUIRED TO ENSURE STABILIZATION.
- 7. REFER TO GEORGE WASHINGTON NATIONAL FOREST FORESTWIDE STANDARDS AND EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS INCLUDED AT THE FRONT OF THE TL 550 PHASE 3 CONSTRUCTION DOCUMENT
- 8. EXISTING GRADES SHOWN ON CROSS SECTIONS AND PLAN & PROFILE ARE BASED ON LIDAR DATA PROVIDED BY DOMINION ENERGY.
- 9. PROFILE SHOWS 8FT OFFSETS TO LEFT AND RIGHT OF CENTERLINE TO

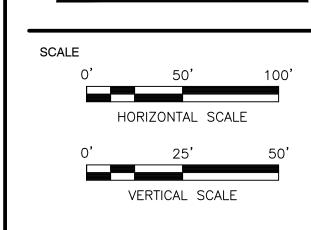
ILLUSTRATE EXISTING GRADE ON EDGE OF ROADWAY WITH 16FT WIDTH.





Dewberry Engineers Inc. 4805 LAKE BROOK DRIVE SUITE 200 GLEN ALLEN, VA 23060 804.290.7957 (PHONE) 804.290.7928 (FAX)

**PRELIMINARY** NOT FOR CONSTRUCTION

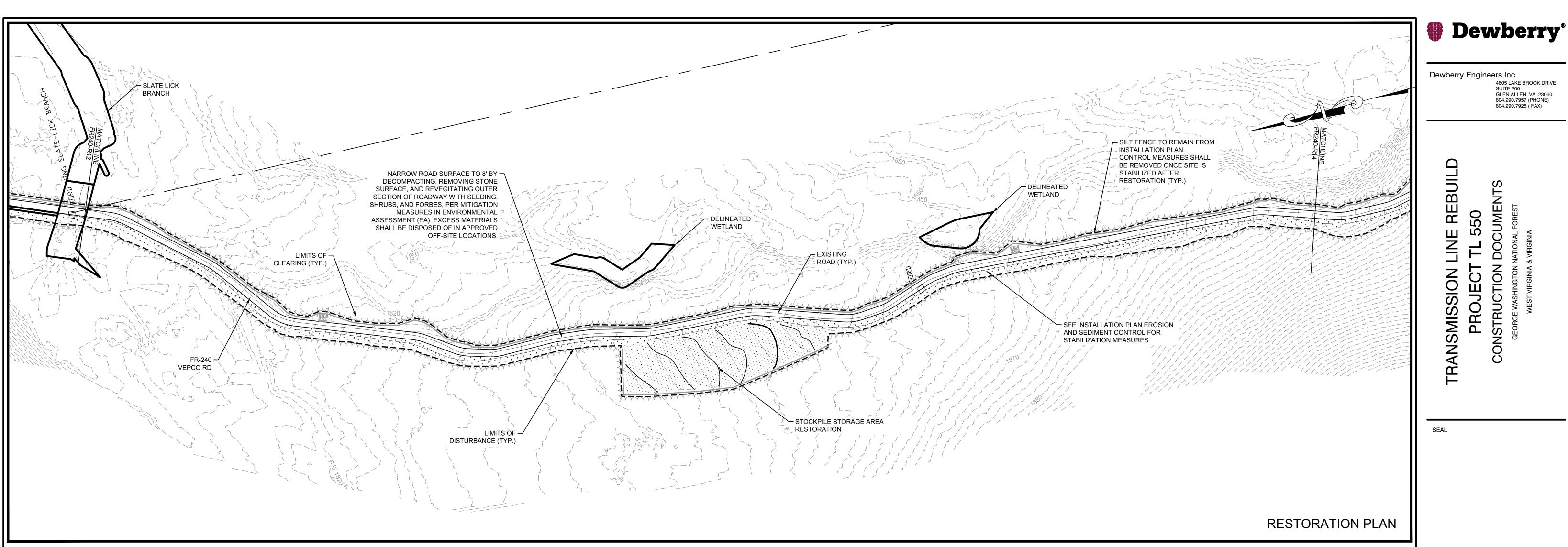


REVISIONS DRAWN BY APPROVED BY CHECKED BY 05/21/21 FR-240 VEPCO ROAD

RESTORATION PLAN

50106442 PROJECT NO.

FR240-R12



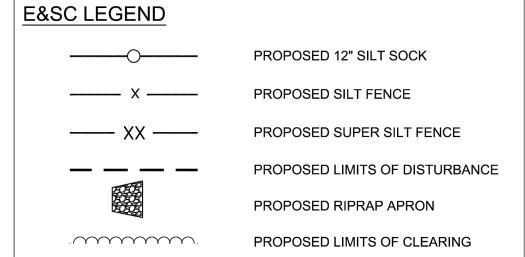
STA 496+00 TO 510+00 INSTALLATION PLAN EARTHWORK CALCULATIONS				
	CUT (CY)	FILL (CY)	NET (	CY)
VEPCO ROAD IMPROVEMENT	225.0	550.8	325.8	(FILL)
INSTALL STOCKPILE STORAGE AREA	2.0	193.9	191.9	(FILL)
INSTALLATION TOTALS	227.0	744.7	517.7	(FILL)

STA 496+00 TO 510+00 RESTORATION PLAN EARTHWORK CALCULATIONS					
	CUT (CY)	FILL (CY)	NET (	CY)	
RESTORE STOCKPILE STORAGE AREA	229.4	1.5	227.9	(CUT)	
8' ROAD DECOMPACTING	207.4	0	207.4	(CUT)	
RESTORATION TOTALS	436.8	1.5	435.3	(CUT)	

FINAL EARTHWORK BALANCE		
	NET (	(CY)
STA 496+00 TO 510+00 INSTALLATION	517.7	(FILL)
STA 496+00 TO 510+00 RESTORATION	435.3	(CUT)
STA 496+00 TO 510+00 TOTAL	82.4	(FILL)

- 1. PLAN SHOWN HERE REPRESENTS "RESTORATION PLAN". SEE SHEET FR240-38 FOR "INSTALLATION PLAN"
- 2. FOR SHENANDOAH CREST ZONE MITIGATION MEASURES, REFER TO ENVIRONMENTAL ASSESSMENT (EA), DESIGN ELEMENTS AND THREATENED & ENDANGERED SPECIES SECTIONS.
- 3. FIELD MODIFICATIONS WITHIN THE PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) MAY BE APPROVED BY THE CONSTRUCTION COORDINATOR/CERTIFIED LAND DISTURBER AND NOTED ON THE DRAWING. FIELD MODIFICATIONS THAT EXTEND OUTSIDE OF PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) REQUIRE APPROVAL BY THE GWNF PRIOR TO IMPLEMENTATION.
- CRANE PADS ARE TO BE STABILIZED AS SHOWN ON RESTORATION PLAN. DUE TO PRESENCE OF ROCK, SITE CONTRACTOR AND ENVIRONMENTAL COMPLIANCE COORDINATOR MAY USE GEOTECHNICAL DATA TO DETERMINE SOIL STABILITY AT CRANE PADS AFTER INSTALLATION.
- 5. NARROWED ROAD WIDTH AS SHOWN ON RESTORATION PLAN IS BASED ON THE AVERAGE EXISTING ROAD WIDTH DETERMINED BY LIDAR SURVEY.
- 6. IN ADDITION TO TEMPORARY AND PERMANENT SEEDING, JUTE MATTING MAY BE REQUIRED TO ENSURE STABILIZATION.
- 7. REFER TO GEORGE WASHINGTON NATIONAL FOREST FORESTWIDE STANDARDS AND EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS INCLUDED AT THE FRONT OF THE TL 550 PHASE 3 CONSTRUCTION DOCUMENT
- 8. EXISTING GRADES SHOWN ON CROSS SECTIONS AND PLAN & PROFILE ARE BASED
- ON LIDAR DATA PROVIDED BY DOMINION ENERGY. 9. PROFILE SHOWS 8FT OFFSETS TO LEFT AND RIGHT OF CENTERLINE TO





# HATCH LEGEND

TEMPORARY & PERMANENT SEEDING, SEE DOMINION SPEC TE VEP 8000-13-00

REVEGETATE AND DECOMPACT PROJECT NO. PER MITIGATION MEASURES IN EA

05/21/21

FR-240

VEPCO ROAD

RESTORATION

PLAN

50106442

FR240-R13



REVISIONS

DRAWN BY

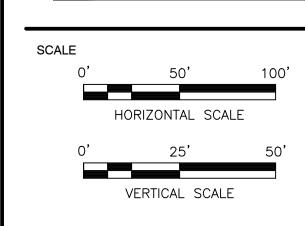
APPROVED BY

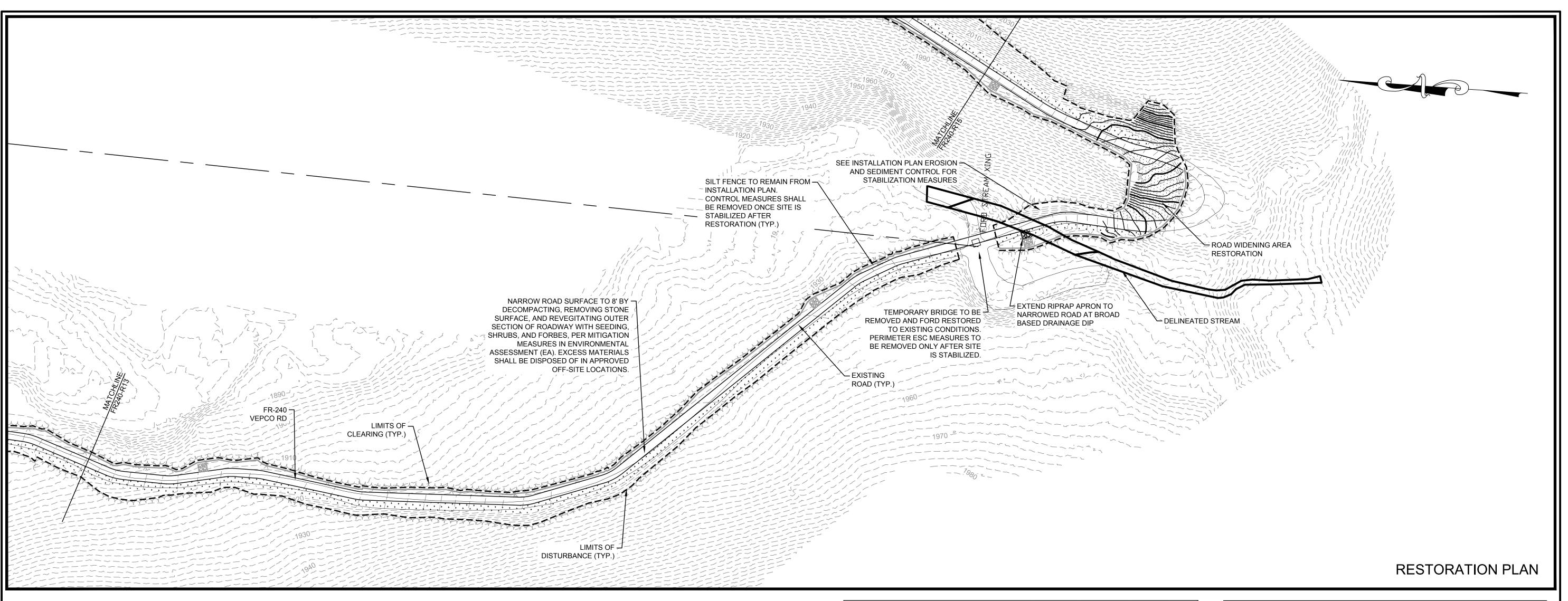
CHECKED BY

DATE

TITLE







STA 510+00 TO 524+00 INSTALLATION PLAN EARTHWORK CALCULATIONS			
	CUT (CY)	FILL (CY)	NET (CY)
VEPCO ROAD IMPROVEMENT	2136.5	319.6	1816.9 (CUT)
INSTALLATION TOTALS	2136.5	319.6	1816.9 (CUT)

STA 510+00 TO 524+00 RESTORATION PLAN EARTHWORK CALCULATIONS					
	CUT (CY)	FILL (CY)	NET (	CY)	
RESTORE VEPCO ROAD IMPROVEMENT	4.7	1007.7	1003.0	(FILL)	
8' ROAD DECOMPACTING	207.4	0	207.4	(CUT)	
RESTORATION TOTALS	212.1	1007.7	795.6	(FILL)	

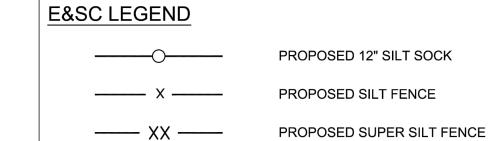
FINAL EARTHWORK BALANCE		
	NET (	CY)
STA 510+00 TO 524+00 INSTALLATION	1816.9	(CUT
STA 510+00 TO 524+00 RESTORATION	795.6	(FILL
STA 510+00 TO 524+00 TOTAL	1021.3	(CUT

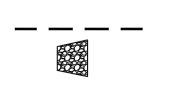
- PLAN SHOWN HERE REPRESENTS "RESTORATION PLAN". SEE SHEET FR240-39 FOR
  "INSTALLATION PLAN"

  \*\*TRUST OF THE PROPERTY OF THE
- 2. FOR SHENANDOAH CREST ZONE MITIGATION MEASURES, REFER TO ENVIRONMENTAL ASSESSMENT (EA), DESIGN ELEMENTS AND THREATENED &
- ENDANGERED SPECIES SECTIONS.

  3. FIELD MODIFICATIONS WITHIN THE PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) MAY BE APPROVED BY THE CONSTRUCTION COORDINATOR/CERTIFIED LAND DISTURBER AND NOTED ON THE DRAWING. FIELD MODIFICATIONS THAT EXTEND OUTSIDE OF PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) REQUIRE APPROVAL BY THE GWNF PRIOR TO IMPLEMENTATION.
- 4. CRANE PADS ARE TO BE STABILIZED AS SHOWN ON RESTORATION PLAN. DUE TO PRESENCE OF ROCK, SITE CONTRACTOR AND ENVIRONMENTAL COMPLIANCE COORDINATOR MAY USE GEOTECHNICAL DATA TO DETERMINE SOIL STABILITY AT CRANE PADS AFTER INSTALLATION.
- NARROWED ROAD WIDTH AS SHOWN ON RESTORATION PLAN IS BASED ON THE AVERAGE EXISTING ROAD WIDTH DETERMINED BY LIDAR SURVEY.
- 6. IN ADDITION TO TEMPORARY AND PERMANENT SEEDING, JUTE MATTING MAY BE REQUIRED TO ENSURE STABILIZATION.
- 7. REFER TO GEORGE WASHINGTON NATIONAL FOREST FORESTWIDE STANDARDS
  AND EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS
  INCLUDED AT THE FRONT OF THE TL 550 PHASE 3 CONSTRUCTION DOCUMENT
- 8. EXISTING GRADES SHOWN ON CROSS SECTIONS AND PLAN & PROFILE ARE BASED ON LIDAR DATA PROVIDED BY DOMINION ENERGY.
- 9. PROFILE SHOWS 8FT OFFSETS TO LEFT AND RIGHT OF CENTERLINE TO ILLUSTRATE EXISTING GRADE ON EDGE OF ROADWAY WITH 16FT WIDTH.

  ON THE SHOWS STATE OF THE SHOW AND THE SHOW AN





.~~~~~.

PROPOSED LIMITS OF DISTURBANCE
PROPOSED RIPRAP APRON

PROPOSED LIMITS OF CLEARING

HATCH LEGEND

TEMPORARY & PERMANENT SEEDING, SEE DOMINION SPEC TE VEP 8000-13-00

REVEGETATE AND DECOMPACT PER MITIGATION MEASURES IN EA

## Dewberry\*

Dewberry Engineers Inc.

4805 LAKE BROOK DRIVE
SUITE 200
GLEN ALLEN, VA 23060
804.290.7957 (PHONE)
804.290.7928 (FAX)

NNSMISSION LINE REBUII
PROJECT TL 550
SONSTRUCTION DOCUMENTS

SEAL

PRELIMINARY NOT FOR CONSTRUCTION

SCALE

0' 50' 100'

HORIZONTAL SCALE

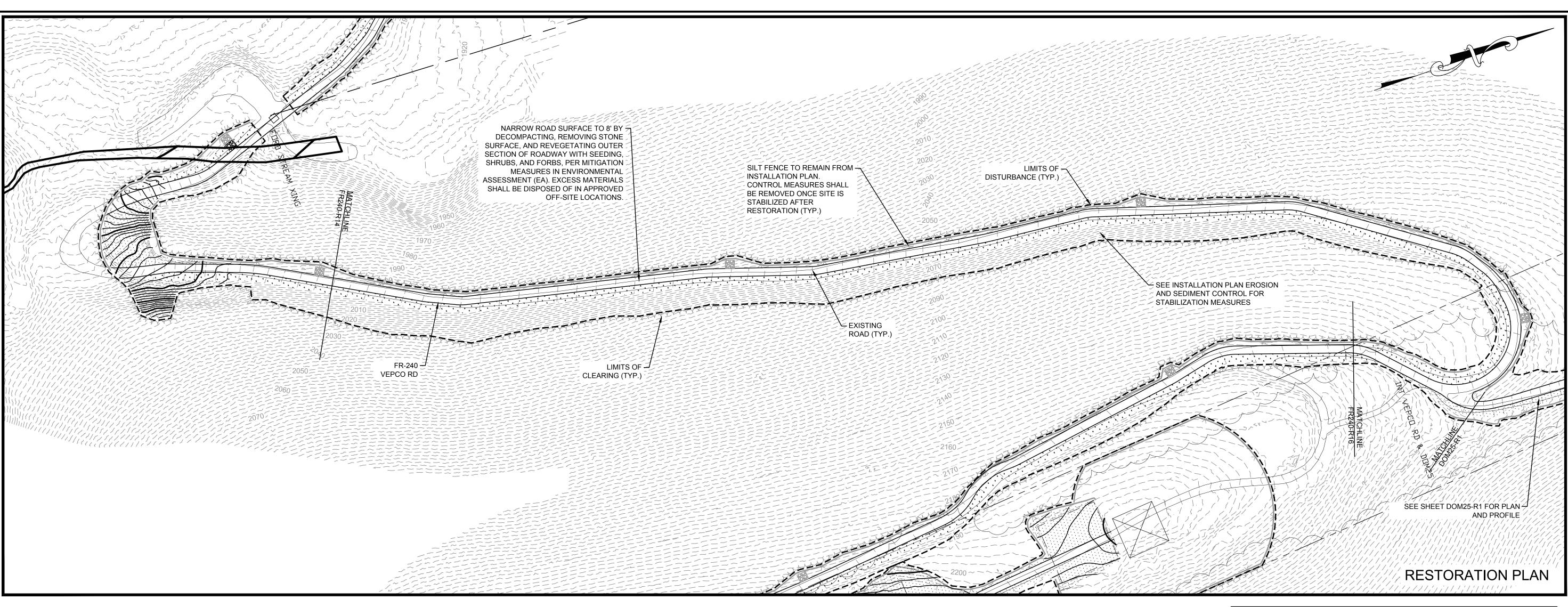
0' 25' 50'

VERTICAL SCALE

REVISIONS	
DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	05/21/21
	R-240 O ROAD
	DRATION LAN

FR240-R14

SHEET NO



STA 524+00 TO 538+00 INSTALLATION P	LAN EARTH	WORK CAL	CULATIONS
	CUT (CY)	FILL (CY)	NET (CY)
VEPCO ROAD IMPROVEMENT	4380.3	30.4	4349.9 (CUT)
INSTALLATION TOTALS	4380.3	30.4	4349.9 (CUT)

<b>STA 524+00 TO 538+00 RESTORATION P</b>	CULATIONS		
	CUT (CY)	FILL (CY)	NET (CY)
8' ROAD DECOMPACTING	207.4	0.0	207.4 (CUT)
RESTORATION TOTALS	207.4	0.0	207.4 (CUT)

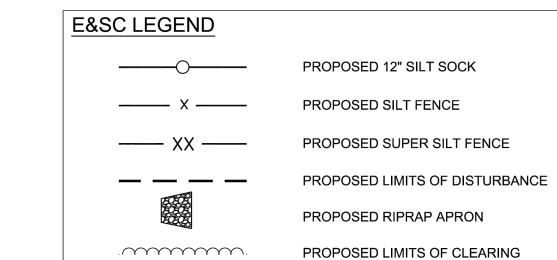
FINAL EARTHWORK BALANCE				
	NET (CY)			
STA 524+00 TO 538+00 INSTALLATION	4349.9 (CU			
STA 524+00 TO 538+00 RESTORATION	207.4 (CU			
STA 524+00 TO 538+000 TOTAL	4557.3 (CU			

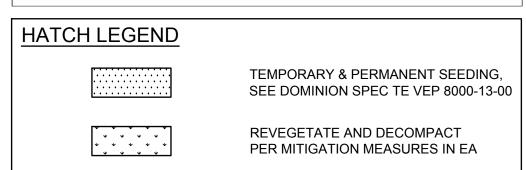
- PLAN SHOWN HERE REPRESENTS "RESTORATION PLAN". SEE SHEET FR240-40 FOR "INSTALLATION PLAN"

  \*\*TRUST OF THE PROPERTY OF THE
- FOR SHENANDOAH CREST ZONE MITIGATION MEASURES, REFER TO ENVIRONMENTAL ASSESSMENT (EA), DESIGN ELEMENTS AND THREATENED &
- ENDANGERED SPECIES SECTIONS.

  3. FIELD MODIFICATIONS WITHIN THE PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) MAY BE APPROVED BY THE CONSTRUCTION COORDINATOR/CERTIFIED LAND DISTURBER AND NOTED ON THE DRAWING. FIELD MODIFICATIONS THAT EXTEND OUTSIDE OF PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) REQUIRE APPROVAL BY THE GWNF PRIOR TO
- IMPLEMENTATION.

  4. CRANE PADS ARE TO BE STABILIZED AS SHOWN ON RESTORATION PLAN. DUE TO PRESENCE OF ROCK, SITE CONTRACTOR AND ENVIRONMENTAL COMPLIANCE COORDINATOR MAY USE GEOTECHNICAL DATA TO DETERMINE SOIL STABILITY AT CRANE PADS AFTER INSTALLATION.
- NARROWED ROAD WIDTH AS SHOWN ON RESTORATION PLAN IS BASED ON THE AVERAGE EXISTING ROAD WIDTH DETERMINED BY LIDAR SURVEY.
- 6. IN ADDITION TO TEMPORARY AND PERMANENT SEEDING, JUTE MATTING MAY BE
- REQUIRED TO ENSURE STABILIZATION.
  7. REFER TO GEORGE WASHINGTON NATIONAL FOREST FORESTWIDE STANDARDS
- AND <u>EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS</u>
  INCLUDED AT THE FRONT OF THE TL 550 PHASE 3 CONSTRUCTION DOCUMENT PACKAGE.
- 8. EXISTING GRADES SHOWN ON CROSS SECTIONS AND PLAN & PROFILE ARE BASED ON LIDAR DATA PROVIDED BY DOMINION ENERGY.
- 9. PROFILE SHOWS 8FT OFFSETS TO LEFT AND RIGHT OF CENTERLINE TO ILLUSTRATE EXISTING GRADE ON EDGE OF ROADWAY WITH 16FT WIDTH.







Dewberry Engineers Inc.

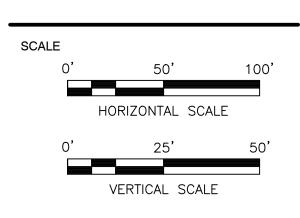
4805 LAKE BROOK DRIVE
SUITE 200
GLEN ALLEN, VA 23060
804.290.7957 (PHONE)
804.290.7928 (FAX)

ECT TL 550
FION DOCUMENTS
INGTON NATIONAL FOREST

PROJECT TL CONSTRUCTION DOC

SEAL

PRELIMINARY NOT FOR CONSTRUCTION



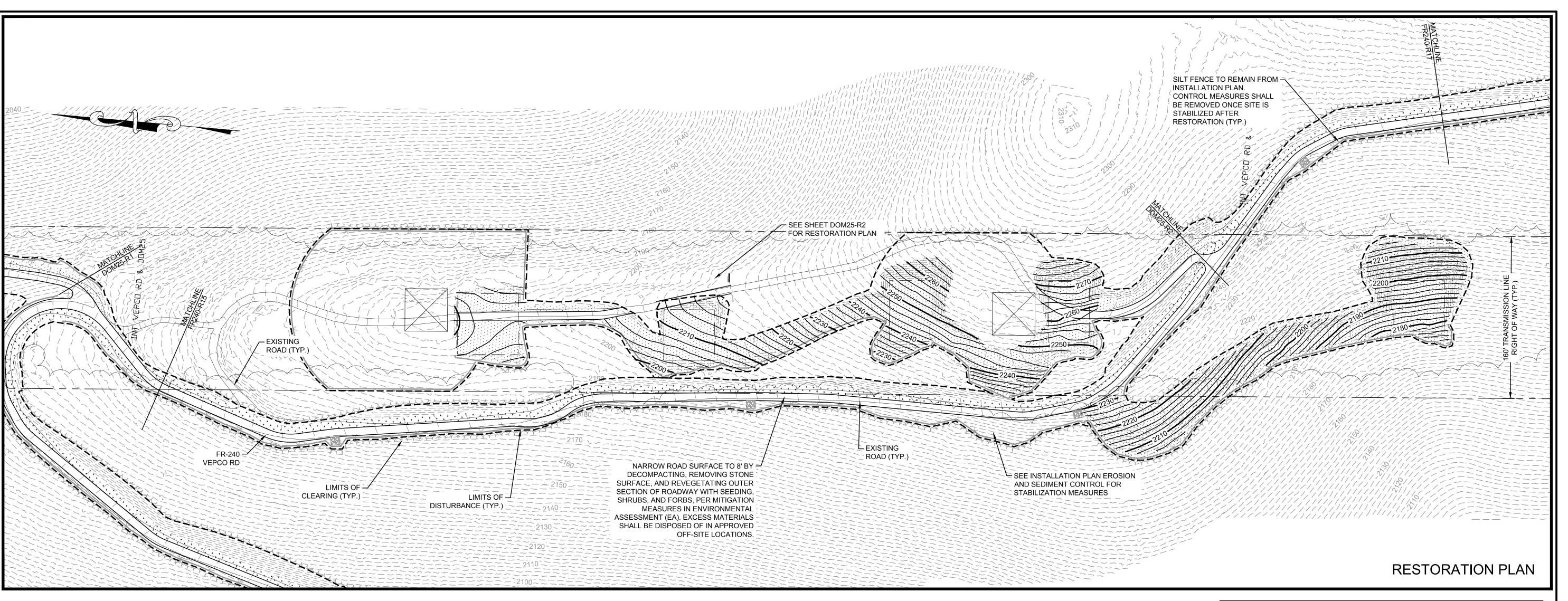
DRAWN BY

APPROVED BY
CHECKED BY
DATE

FR-240
VEPCO ROAD
RESTORATION
PROJECT NO. 50106442

FR240-R15

SHEET NO.



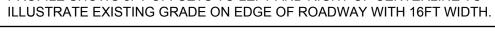
STA 538+00 TO 552+00 INSTALLATION PLAN EARTHWORK CALCULATIONS						
	CUT (CY)	FILL (CY)	NET (	CY)		
VEPCO ROAD IMPROVEMENT	520.1	418.9	101.2	(CUT)		
INSTALLATION TOTALS	520.1	418.9	101.2	(CUT)		

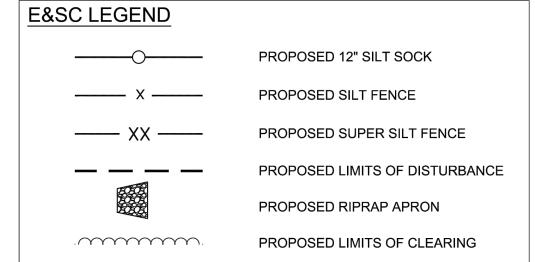
STA 538+00 TO 552+00 RESTORATION PLAN EARTHWORK CALCULATIONS						
CUT (CY) FILL (CY)		NET (CY)				
8' ROAD DECOMPACTING	207.4	0.0	207.4	(CUT)		
RESTORATION TOTALS	207.4	0.0	207.4	(CUT)		

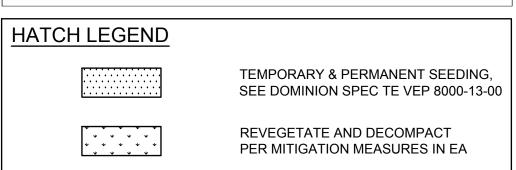
FINAL EARTHWORK BALANCE		
	NET (	CY)
STA 538+00 TO 552+00 INSTALLATION	101.2	(CUT
STA 538+00 TO 552+00 RESTORATION	207.4	(CUT
STA 538+00 TO 552+00 TOTAL	308.6	(CUT

- PLAN SHOWN HERE REPRESENTS "RESTORATION PLAN". SEE SHEET FR240-41 FOR
  "INSTALLATION PLAN"

  \*\*THE CONTROL OF THE CONTROL O
- FOR SHENANDOAH CREST ZONE MITIGATION MEASURES, REFER TO ENVIRONMENTAL ASSESSMENT (EA), DESIGN ELEMENTS AND THREATENED & ENDANGERED SPECIES SECTIONS.
- 3. FIELD MODIFICATIONS WITHIN THE PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) MAY BE APPROVED BY THE CONSTRUCTION COORDINATOR/CERTIFIED LAND DISTURBER AND NOTED ON THE DRAWING. FIELD MODIFICATIONS THAT EXTEND OUTSIDE OF PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) REQUIRE APPROVAL BY THE GWNF PRIOR TO IMPLEMENTATION.
- CRANE PADS ARE TO BE STABILIZED AS SHOWN ON RESTORATION PLAN. DUE TO PRESENCE OF ROCK, SITE CONTRACTOR AND ENVIRONMENTAL COMPLIANCE COORDINATOR MAY USE GEOTECHNICAL DATA TO DETERMINE SOIL STABILITY AT CRANE PADS AFTER INSTALLATION.
   NARROWED ROAD WIDTH AS SHOWN ON RESTORATION PLAN IS BASED ON THE
- AVERAGE EXISTING ROAD WIDTH DETERMINED BY LIDAR SURVEY.
- IN ADDITION TO TEMPORARY AND PERMANENT SEEDING, JUTE MATTING MAY BE REQUIRED TO ENSURE STABILIZATION.
- 7. REFER TO GEORGE WASHINGTON NATIONAL FOREST FORESTWIDE STANDARDS AND EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS INCLUDED AT THE FRONT OF THE TL 550 PHASE 3 CONSTRUCTION DOCUMENT PACKAGE.
- 8. EXISTING GRADES SHOWN ON CROSS SECTIONS AND PLAN & PROFILE ARE BASED ON LIDAR DATA PROVIDED BY DOMINION ENERGY.
- 9. PROFILE SHOWS 8FT OFFSETS TO LEFT AND RIGHT OF CENTERLINE TO









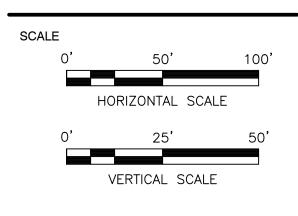
Dewberry Engineers Inc.

4805 LAKE BROOK DRIVE
SUITE 200
GLEN ALLEN, VA 23060
804.290.7957 (PHONE)
804.290.7928 (FAX)

ANSMISSION LINE REBUII
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST

OE A I

PRELIMINARY NOT FOR CONSTRUCTION



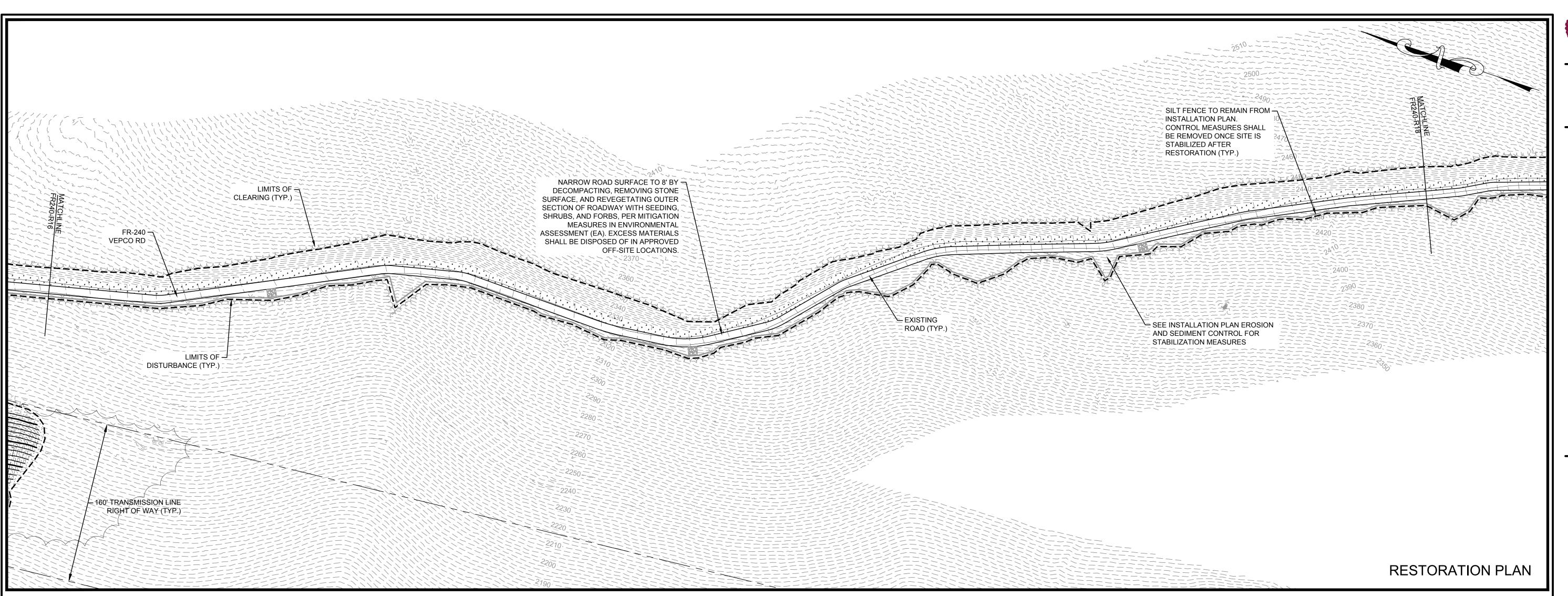
DRAWN BY

APPROVED BY
CHECKED BY
DATE

FR-240
VEPCO ROAD
RESTORATION
PLAN

PROJECT NO. 50106442

FR240-R16



STA 552+00 TO 566+00 INSTALLATION PLAN EARTHWORK CALCULATIONS				
	CUT (CY)	FILL (CY)	NET (CY)	
VEPCO ROAD IMPROVEMENT	2851.2	357.5	2493.7 (CUT)	
INSTALLATION TOTALS	2851.2	357.5	2493.7 (CUT)	

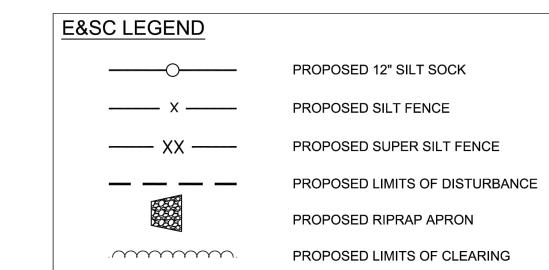
STA 552+00 TO 566+00 RESTORATION PLAN EARTHWORK CALCULATIONS					
CUT (CY)	FILL (CY)	NET (	CY)		
207.4	0.0	207.4	(CUT)		
207.4	0.0	207.4	(CUT)		
	CUT (CY) 207.4	CUT (CY) FILL (CY) 207.4 0.0	CUT (CY) FILL (CY) NET ( 207.4 0.0 207.4		

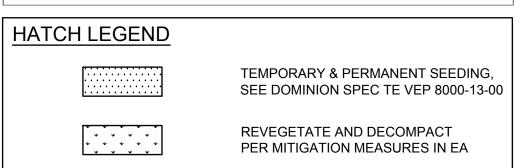
FINAL EARTHWORK BALANCE			
	NET (CY)		
STA 552+00 TO 566+00 INSTALLATION	2493.7 (CUT)		
STA 552+00 TO 566+00 RESTORATION	207.4 (CUT)		
STA 552+00 TO 566+00 TOTAL	2701.1 (CUT)		

- PLAN SHOWN HERE REPRESENTS "RESTORATION PLAN". SEE SHEET FR240-42 FOR
  "INSTALLATION PLAN"

  \*\*THE CONTROL OF THE CONTROL O
- FOR SHENANDOAH CREST ZONE MITIGATION MEASURES, REFER TO ENVIRONMENTAL ASSESSMENT (EA), DESIGN ELEMENTS AND THREATENED &
- ENDANGERED SPECIES SECTIONS.

  3. FIELD MODIFICATIONS WITHIN THE PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) MAY BE APPROVED BY THE CONSTRUCTION COORDINATOR/CERTIFIED LAND DISTURBER AND NOTED ON THE DRAWING. FIELD MODIFICATIONS THAT EXTEND OUTSIDE OF PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) REQUIRE APPROVAL BY THE GWNF PRIOR TO IMPLEMENTATION.
- 4. CRANE PADS ARE TO BE STABILIZED AS SHOWN ON RESTORATION PLAN. DUE TO PRESENCE OF ROCK, SITE CONTRACTOR AND ENVIRONMENTAL COMPLIANCE COORDINATOR MAY USE GEOTECHNICAL DATA TO DETERMINE SOIL STABILITY AT CRANE PADS AFTER INSTALLATION.
- 5. NARROWED ROAD WIDTH AS SHOWN ON RESTORATION PLAN IS BASED ON THE AVERAGE EXISTING ROAD WIDTH DETERMINED BY LIDAR SURVEY.
- IN ADDITION TO TEMPORARY AND PERMANENT SEEDING, JUTE MATTING MAY BE REQUIRED TO ENSURE STABILIZATION.
- 7. REFER TO GEORGE WASHINGTON NATIONAL FOREST FORESTWIDE STANDARDS
  AND EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS
  INCLUDED AT THE FRONT OF THE TL 550 PHASE 3 CONSTRUCTION DOCUMENT PACKAGE.
- 8. EXISTING GRADES SHOWN ON CROSS SECTIONS AND PLAN & PROFILE ARE BASED ON LIDAR DATA PROVIDED BY DOMINION ENERGY.
- 9. PROFILE SHOWS 8FT OFFSETS TO LEFT AND RIGHT OF CENTERLINE TO ILLUSTRATE EXISTING GRADE ON EDGE OF ROADWAY WITH 16FT WIDTH.







Dewberry Engineers Inc.

4805 LAKE BROOK DRIVE
SUITE 200
GLEN ALLEN, VA 23060
804.290.7957 (PHONE)
804.290.7928 (FAX)

NSMISSION LINE REBUI PROJECT TL 550 CONSTRUCTION DOCUMENTS

SEAL

PRELIMINARY NOT FOR CONSTRUCTION

SCALE

0' 50' 100'

HORIZONTAL SCALE

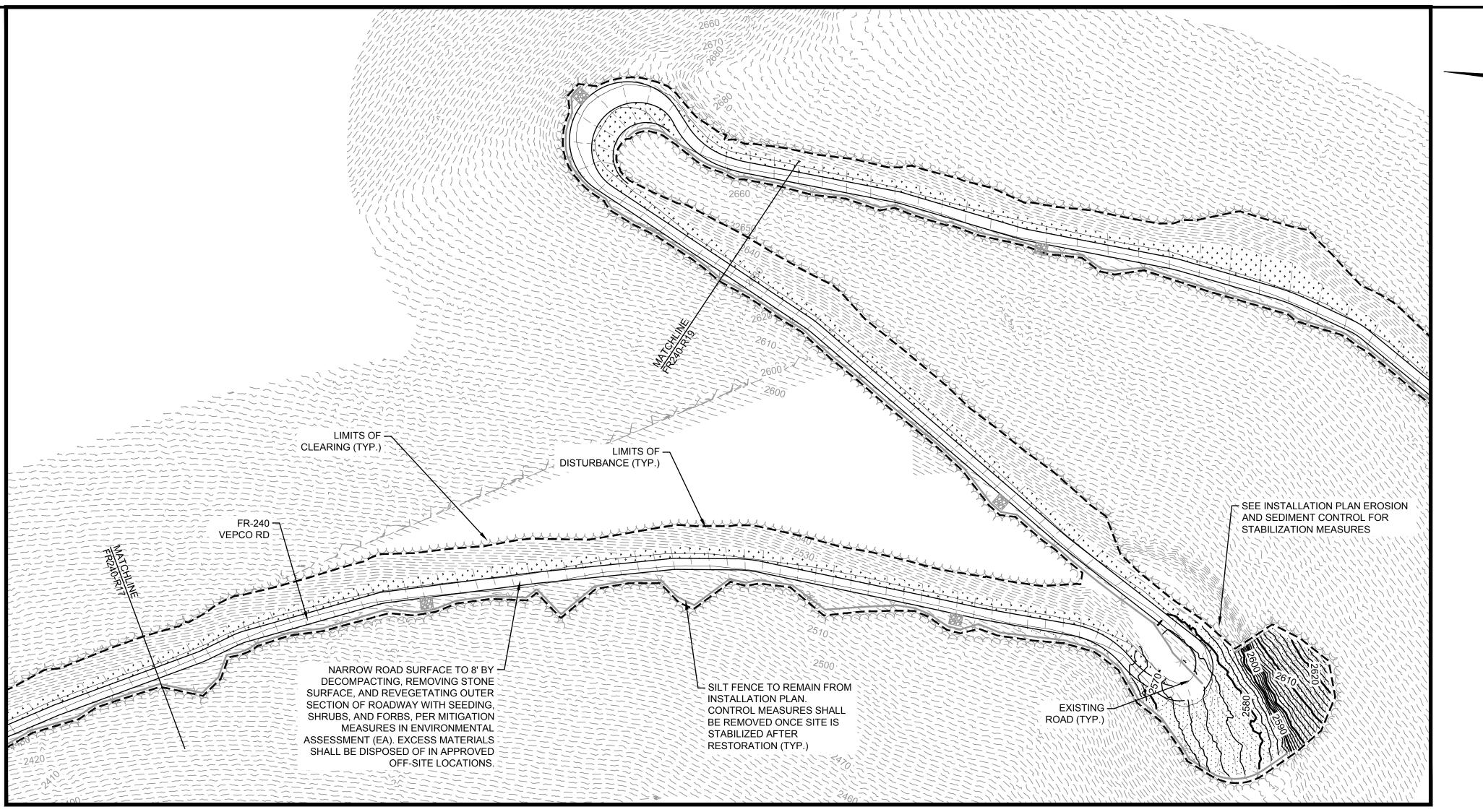
0' 25' 50'

VERTICAL SCALE

REVISIONS	
DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	05/21/21
VEPC REST	R-240 O ROAD ORATION LAN
PROJECT NO.	50106442

FR240-R17

SHEET NO.



STA 566+00 TO 580+00 INSTALLATION PLAN EARTHWORK CALC				
CUT (CY)	FILL (CY)	NET (CY)		
3034.9	696.0	2338.9 (CUT)		
3034.9	696.0	2338.9 (CUT)		
	CUT (CY) 3034.9	CUT (CY) FILL (CY) 3034.9 696.0		

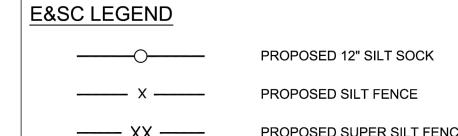
STA 566+00 TO 580+00 RESTORATION PLAN EARTHWORK CALCULATIONS				
	CUT (CY)	FILL (CY)	NET (	CY)
RESTORE VEPCO ROAD IMPROVEMENT	420.4	993.9	573.5	(FILL
8' ROAD DECOMPACTING	207.4	0.0	207.4	(CUT
RESTORATION TOTALS	627.8	993.9	366.1	(FILL

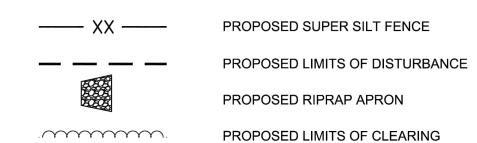
FINAL EARTHWORK BALANCE				
	NET (CY)			
STA 566+00 TO 580+00 INSTALLATION	2338.9 (CI			
STA 566+00 TO 580+00 RESTORATION	366.1 (FI			
STA 566+00 TO 580+00 TOTAL	1972.8 (CI			

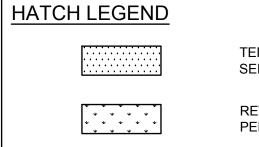
- 1. PLAN SHOWN HERE REPRESENTS "RESTORATION PLAN". SEE SHEET FR240-43 FOR "INSTALLATION PLAN"
- 2. FOR SHENANDOAH CREST ZONE MITIGATION MEASURES, REFER TO ENVIRONMENTAL ASSESSMENT (EA), DESIGN ELEMENTS AND THREATENED & ENDANGERED SPECIES SECTIONS.
- 3. FIELD MODIFICATIONS WITHIN THE PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) MAY BE APPROVED BY THE CONSTRUCTION COORDINATOR/CERTIFIED LAND DISTURBER AND NOTED ON THE DRAWING. FIELD MODIFICATIONS THAT EXTEND OUTSIDE OF PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) REQUIRE APPROVAL BY THE GWNF PRIOR TO IMPLEMENTATION.

RESTORATION PLAN

- . CRANE PADS ARE TO BE STABILIZED AS SHOWN ON RESTORATION PLAN. DUE TO PRESENCE OF ROCK, SITE CONTRACTOR AND ENVIRONMENTAL COMPLIANCE COORDINATOR MAY USE GEOTECHNICAL DATA TO DETERMINE SOIL STABILITY AT CRANE PADS AFTER INSTALLATION.
- 5. NARROWED ROAD WIDTH AS SHOWN ON RESTORATION PLAN IS BASED ON THE AVERAGE EXISTING ROAD WIDTH DETERMINED BY LIDAR SURVEY.
- 6. IN ADDITION TO TEMPORARY AND PERMANENT SEEDING, JUTE MATTING MAY BE REQUIRED TO ENSURE STABILIZATION.
- 7. REFER TO GEORGE WASHINGTON NATIONAL FOREST FORESTWIDE STANDARDS AND EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS INCLUDED AT THE FRONT OF THE TL 550 PHASE 3 CONSTRUCTION DOCUMENT
- 8. EXISTING GRADES SHOWN ON CROSS SECTIONS AND PLAN & PROFILE ARE BASED ON LIDAR DATA PROVIDED BY DOMINION ENERGY.
- 9. PROFILE SHOWS 8FT OFFSETS TO LEFT AND RIGHT OF CENTERLINE TO ILLUSTRATE EXISTING GRADE ON EDGE OF ROADWAY WITH 16FT WIDTH.







TEMPORARY & PERMANENT SEEDING, SEE DOMINION SPEC TE VEP 8000-13-00

REVEGETATE AND DECOMPACT PER MITIGATION MEASURES IN EA

FR240-R18

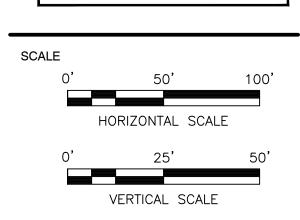
PLAN

50106442

Dewberry\*

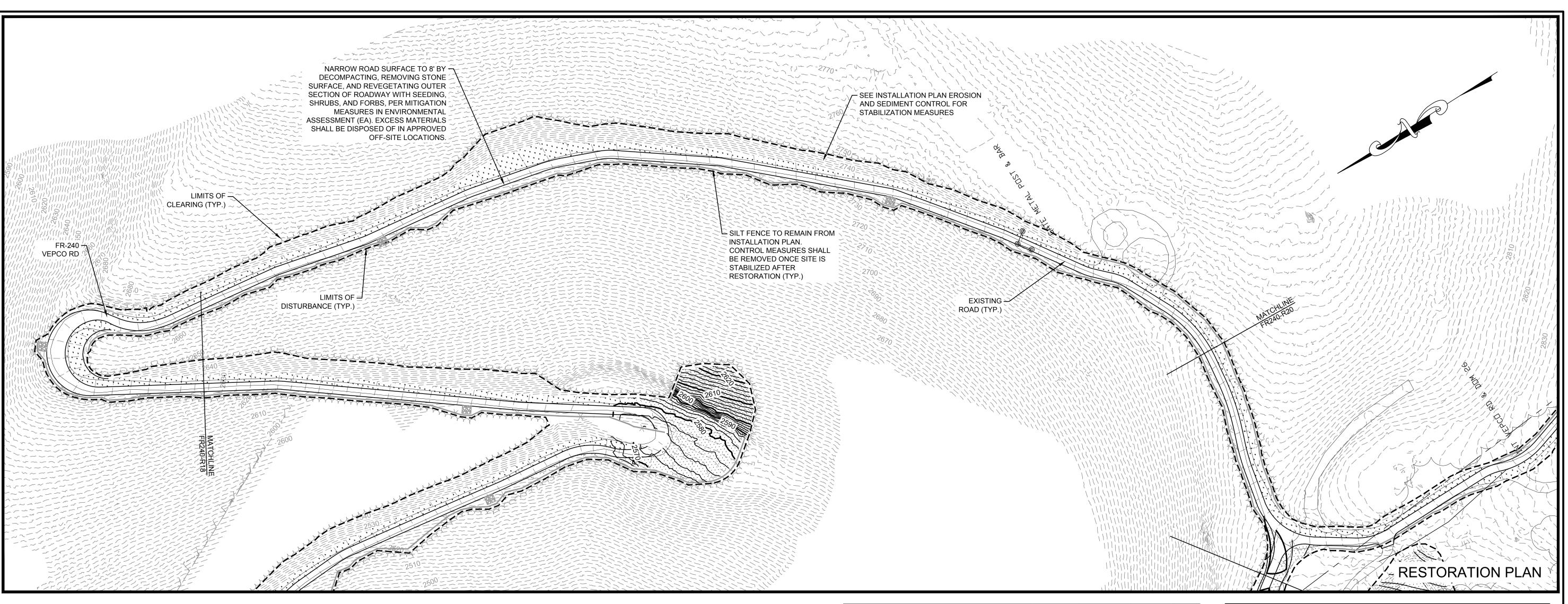
Dewberry Engineers Inc. 4805 LAKE BROOK DRIVE SUITE 200 GLEN ALLEN, VA 23060 804.290.7957 (PHONE) 804.290.7928 (FAX)

**PRELIMINARY** NOT FOR CONSTRUCTION



REVISIONS	
DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	05/21/21
FF	R-240
VEPC	OROAD
REST	ORATION

PROJECT NO.



STA 580+00 TO 594+00 INSTALLATION PLAN EARTHWORK CALCULATIONS				
	CUT (CY)	FILL (CY)	NET (CY)	
VEPCO ROAD IMPROVEMENT	2593.4	244.5	2348.9 (CUT)	
INSTALLATION TOTALS	2593.4	244.5	2348.9 (CUT)	

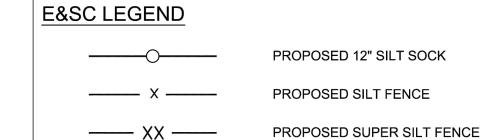
STA 580+00 TO 594+00 RESTORATION PLAN EARTHWORK CALCULATIONS				
	CUT (CY)	FILL (CY)	NET (	CY)
8' ROAD DECOMPACTING	207.4	0.0	207.4	(CUT
RESTORATION TOTALS	207.4	0.0	207.4	(CUT

FINAL EARTHWORK BALANCE			
	NET (CY)		
STA 580+00 TO 594+00 INSTALLATION	2348.9 (CUT)		
STA 580+00 TO 594+00 RESTORATION	207.4 (CUT)		
STA 580+00 TO 594+00 TOTAL	2556.3 (CUT)		

- PLAN SHOWN HERE REPRESENTS "RESTORATION PLAN". SEE SHEET FR240-44 FOR
  "INSTALLATION PLAN"

  \*\*THE CONTROL OF THE CONTROL O
- 2. FOR SHENANDOAH CREST ZONE MITIGATION MEASURES, REFER TO ENVIRONMENTAL ASSESSMENT (EA), DESIGN ELEMENTS AND THREATENED &
- ENDANGERED SPECIES SECTIONS.

  3. FIELD MODIFICATIONS WITHIN THE PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) MAY BE APPROVED BY THE CONSTRUCTION
- ON THE PROJECT MAPS) MAY BE APPROVED BY THE CONSTRUCTION COORDINATOR/CERTIFIED LAND DISTURBER AND NOTED ON THE DRAWING. FIELD MODIFICATIONS THAT EXTEND OUTSIDE OF PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) REQUIRE APPROVAL BY THE GWNF PRIOR TO IMPLEMENTATION.
- 4. CRANE PADS ARE TO BE STABILIZED AS SHOWN ON RESTORATION PLAN. DUE TO PRESENCE OF ROCK, SITE CONTRACTOR AND ENVIRONMENTAL COMPLIANCE COORDINATOR MAY USE GEOTECHNICAL DATA TO DETERMINE SOIL STABILITY AT CRANE PADS AFTER INSTALLATION.
- 5. NARROWED ROAD WIDTH AS SHOWN ON RESTORATION PLAN IS BASED ON THE AVERAGE EXISTING ROAD WIDTH DETERMINED BY LIDAR SURVEY.
- 6. IN ADDITION TO TEMPORARY AND PERMANENT SEEDING, JUTE MATTING MAY BE REQUIRED TO ENSURE STABILIZATION.
- 7. REFER TO GEORGE WASHINGTON NATIONAL FOREST FORESTWIDE STANDARDS
  AND EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS
  INCLUDED AT THE FRONT OF THE TL 550 PHASE 3 CONSTRUCTION DOCUMENT PACKAGE.
- 8. EXISTING GRADES SHOWN ON CROSS SECTIONS AND PLAN & PROFILE ARE BASED ON LIDAR DATA PROVIDED BY DOMINION ENERGY.
  - 9. PROFILE SHOWS 8FT OFFSETS TO LEFT AND RIGHT OF CENTERLINE TO ILLUSTRATE EXISTING GRADE ON EDGE OF ROADWAY WITH 16FT WIDTH.



PROPOSED LIMITS OF DISTURBANCE
PROPOSED RIPRAP APRON

PROPOSED LIMITS OF CLEARING

HATCH LEGEND

TEMPORARY & PERMANENT SEEDING, SEE DOMINION SPEC TE VEP 8000-13-00

REVEGETATE AND DECOMPACT PER MITIGATION MEASURES IN EA Dewberry\*

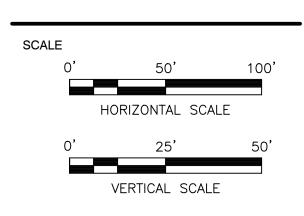
Dewberry Engineers Inc.

4805 LAKE BROOK DRIVE
SUITE 200
GLEN ALLEN, VA 23060
804.290.7957 (PHONE)
804.290.7928 (FAX)

AISSION LINE REBUILI
PROJECT TL 550
TRUCTION DOCUMENTS

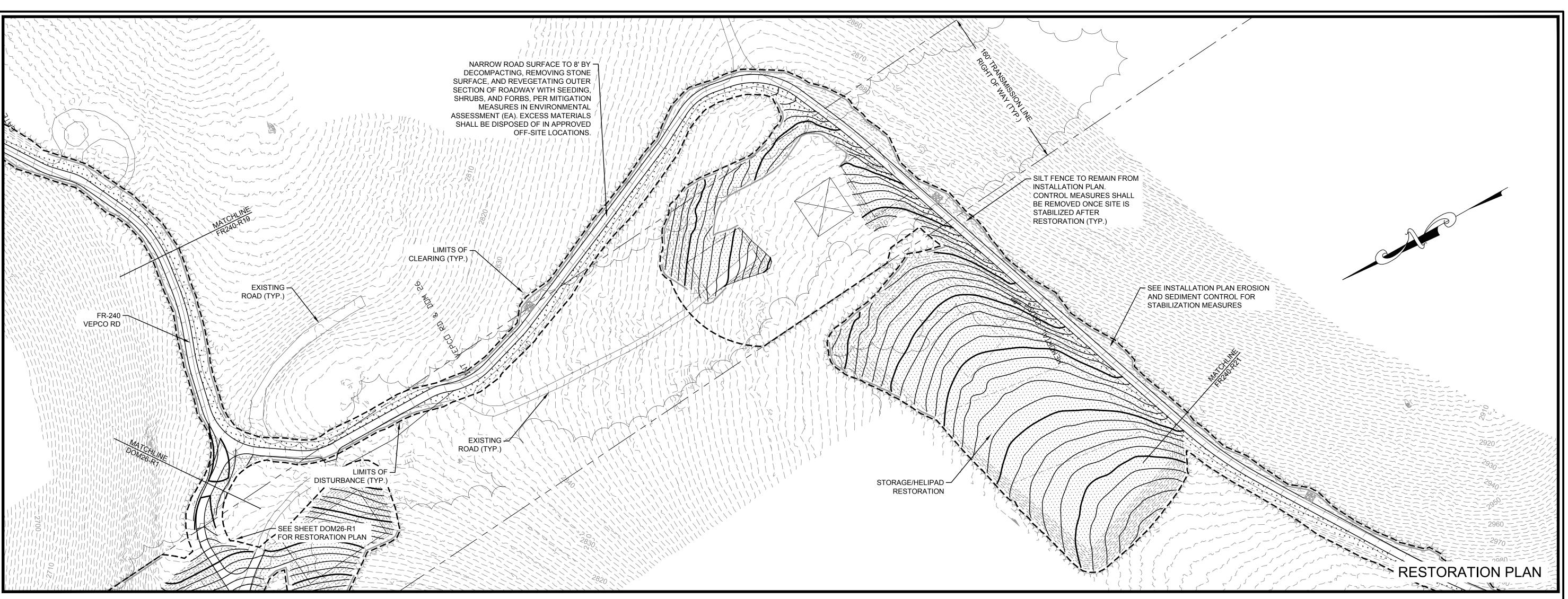
SEAL

PRELIMINARY NOT FOR CONSTRUCTION



REVISIONS	
DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	05/21/21
VEPC REST	R-240 O ROAD ORATION LAN
PROJECT NO.	50106442

FR240-R19

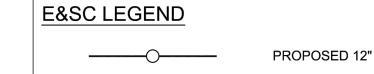


STA 594+00 TO 608+00 INSTALLATION PLAN EARTHWORK CALCULATIONS				
	CUT (CY)	FILL (CY)	NET (CY)	
VEPCO RD IMPROVEMENT	805.3	1000.8	195.5 (FILL)	
INSTALL STORAGE/HELIPAD	13893.8	2799.1	11094.7 (CUT)	
INSTALLATION TOTALS	14699.1	3799.9	10899.2 (CUT)	

STA 594+00 TO 608+00 RESTORATION PLAN EARTHWORK CALCULATIONS					
	CUT (CY)	FILL (CY)	NET (CY)		
RESTORE STORAGE/HELIPAD	2805.9	14138.3	11332.4 (FILL)		
8' ROAD DECOMPACTING	207.4	0	207.4 (CUT)		
RESTORATION TOTALS	3013.3	14138.3	11125.0 (FILL)		

FINAL EARTHWORK BALANCE	
	NET (CY)
STA 594+00 TO 608+00 INSTALLATION	10899.2 (CU
STA 594+00 TO 608+00 RESTORATION	11125.0 (FIL
STA 594+00 TO 608+00 TOTAL	225.793 (FIL

- 1. PLAN SHOWN HERE REPRESENTS "RESTORATION PLAN". SEE SHEET FR240-45 FOR
- 2. FOR SHENANDOAH CREST ZONE MITIGATION MEASURES, REFER TO ENVIRONMENTAL ASSESSMENT (EA), DESIGN ELEMENTS AND THREATENED &
- ENDANGERED SPECIES SECTIONS. 3. FIELD MODIFICATIONS WITHIN THE PERMITTED CONSTRUCTION LIMITS (AS SHOWN
- ON THE PROJECT MAPS) MAY BE APPROVED BY THE CONSTRUCTION COORDINATOR/CERTIFIED LAND DISTURBER AND NOTED ON THE DRAWING. FIELD MODIFICATIONS THAT EXTEND OUTSIDE OF PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) REQUIRE APPROVAL BY THE GWNF PRIOR TO IMPLEMENTATION.
- CRANE PADS ARE TO BE STABILIZED AS SHOWN ON RESTORATION PLAN. DUE TO PRESENCE OF ROCK, SITE CONTRACTOR AND ENVIRONMENTAL COMPLIANCE COORDINATOR MAY USE GEOTECHNICAL DATA TO DETERMINE SOIL STABILITY AT CRANE PADS AFTER INSTALLATION. . NARROWED ROAD WIDTH AS SHOWN ON RESTORATION PLAN IS BASED ON THE
- AVERAGE EXISTING ROAD WIDTH DETERMINED BY LIDAR SURVEY. . IN ADDITION TO TEMPORARY AND PERMANENT SEEDING, JUTE MATTING MAY BE
- REQUIRED TO ENSURE STABILIZATION.
- REFER TO GEORGE WASHINGTON NATIONAL FOREST FORESTWIDE STANDARDS AND EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS INCLUDED AT THE FRONT OF THE TL 550 PHASE 3 CONSTRUCTION DOCUMENT
- 8. EXISTING GRADES SHOWN ON CROSS SECTIONS AND PLAN & PROFILE ARE BASED ON LIDAR DATA PROVIDED BY DOMINION ENERGY.
- 9. PROFILE SHOWS 8FT OFFSETS TO LEFT AND RIGHT OF CENTERLINE TO ILLUSTRATE EXISTING GRADE ON EDGE OF ROADWAY WITH 16FT WIDTH.



PROPOSED 12" SILT SOCK PROPOSED SILT FENCE PROPOSED SUPER SILT FENCE PROPOSED LIMITS OF DISTURBANCE PROPOSED RIPRAP APRON

HATCH LEGEND

.

TEMPORARY & PERMANENT SEEDING, SEE DOMINION SPEC TE VEP 8000-13-00 REVEGETATE AND DECOMPACT

PER MITIGATION MEASURES IN EA

PROPOSED LIMITS OF CLEARING

REVISIONS

DRAWN BY

APPROVED BY

CHECKED BY

PROJECT NO.

DATE

TITLE

FR240-R20

05/21/21

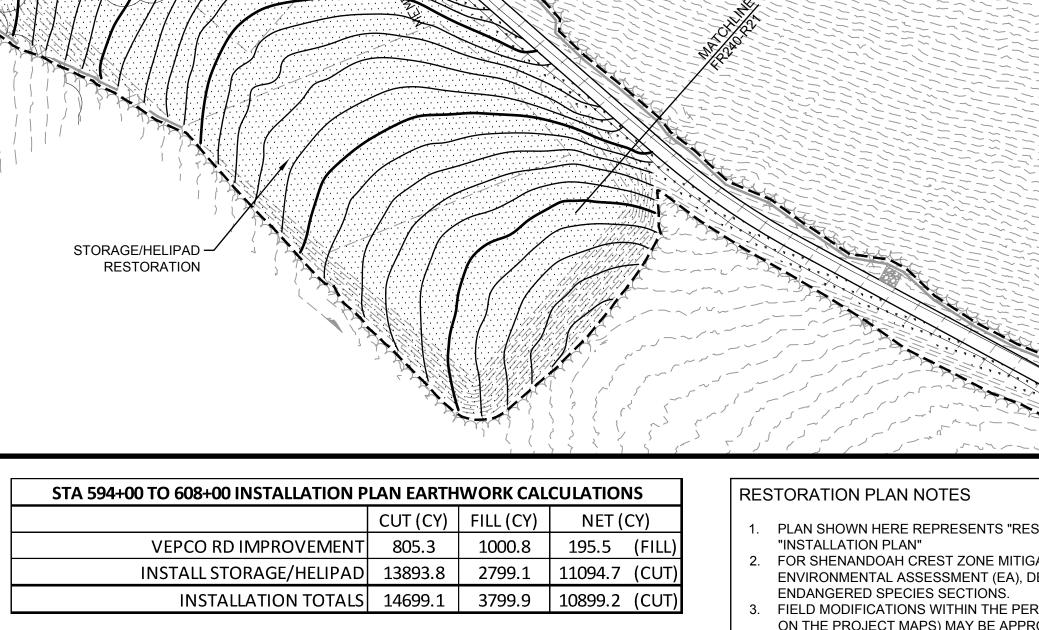
FR-240

VEPCO ROAD

RESTORATION

PLAN

50106442

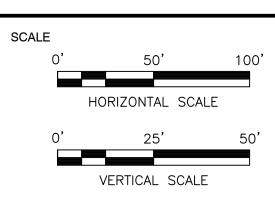


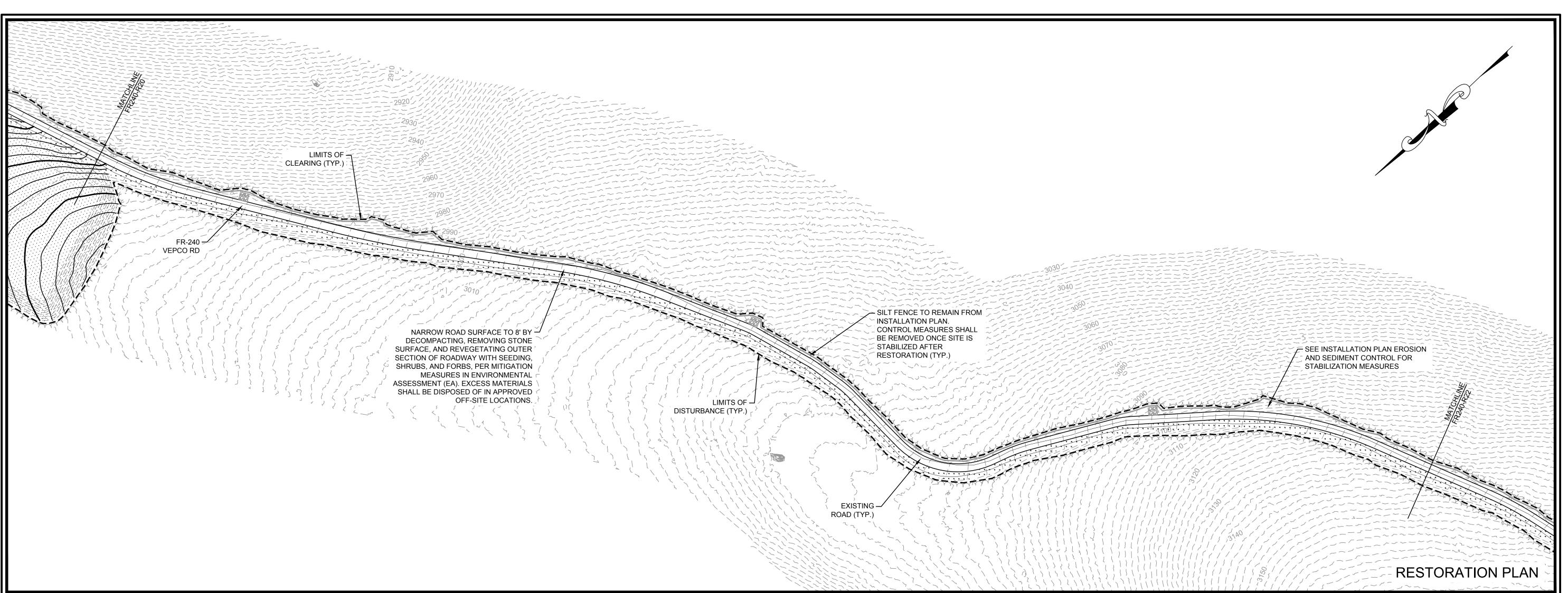
Dewberry\*

4805 LAKE BROOK DRIVE SUITE 200 GLEN ALLEN, VA 23060 804.290.7957 (PHONE) 804.290.7928 (FAX)

Dewberry Engineers Inc.

**PRELIMINARY** NOT FOR CONSTRUCTION





STA 608+00 TO 622+00 INSTALLATION PLAN EARTHWORK CALCULATIONS				
	CUT (CY)	FILL (CY)	NET (	CY)
VEPCO ROAD IMPROVEMENT	525.3	354.9	170.4	(CUT)
INSTALLATION TOTALS	525.3	354.9	170.4	(CUT)

STA 608+00 TO 622+00 RESTORATION PLAN EARTHWORK CALCULATIONS					
CUT (CY) FILL (CY) NET (CY)					
8' ROAD DECOMPACTING	207.4	0.0	207.4	(CUT)	
RESTORATION TOTALS	207.4	0.0	207.4	(CUT)	

FINAL EARTHWORK BALANCE			
	NET (	CY)	
STA 608+00 TO 622+00 INSTALLATION	170.4	(CUT	
STA 608+00 TO 622+00 RESTORATION	207.4	(CUT	
STA 608+00 TO 622+00 TOTAL	377.8	(CUI	

- 1. PLAN SHOWN HERE REPRESENTS "RESTORATION PLAN". SEE SHEET FR240-46 FOR "INSTALLATION PLAN"
- 2. FOR SHENANDOAH CREST ZONE MITIGATION MEASURES, REFER TO ENVIRONMENTAL ASSESSMENT (EA), DESIGN ELEMENTS AND THREATENED & ENDANGERED SPECIES SECTIONS.
- 3. FIELD MODIFICATIONS WITHIN THE PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) MAY BE APPROVED BY THE CONSTRUCTION COORDINATOR/CERTIFIED LAND DISTURBER AND NOTED ON THE DRAWING. FIELD MODIFICATIONS THAT EXTEND OUTSIDE OF PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) REQUIRE APPROVAL BY THE GWNF PRIOR TO IMPLEMENTATION.
- CRANE PADS ARE TO BE STABILIZED AS SHOWN ON RESTORATION PLAN. DUE TO PRESENCE OF ROCK, SITE CONTRACTOR AND ENVIRONMENTAL COMPLIANCE COORDINATOR MAY USE GEOTECHNICAL DATA TO DETERMINE SOIL STABILITY AT CRANE PADS AFTER INSTALLATION.
- . NARROWED ROAD WIDTH AS SHOWN ON RESTORATION PLAN IS BASED ON THE AVERAGE EXISTING ROAD WIDTH DETERMINED BY LIDAR SURVEY.
- 6. IN ADDITION TO TEMPORARY AND PERMANENT SEEDING, JUTE MATTING MAY BE REQUIRED TO ENSURE STABILIZATION.
- REFER TO GEORGE WASHINGTON NATIONAL FOREST FORESTWIDE STANDARDS AND EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS INCLUDED AT THE FRONT OF THE TL 550 PHASE 3 CONSTRUCTION DOCUMENT PACKAGE.
- 8. EXISTING GRADES SHOWN ON CROSS SECTIONS AND PLAN & PROFILE ARE BASED ON LIDAR DATA PROVIDED BY DOMINION ENERGY.
- PROFILE SHOWS 8FT OFFSETS TO LEFT AND RIGHT OF CENTERLINE TO ILLUSTRATE EXISTING GRADE ON EDGE OF ROADWAY WITH 16FT WIDTH.



PROPOSED 12" SILT SOCK PROPOSED SILT FENCE PROPOSED SUPER SILT FENCE PROPOSED LIMITS OF DISTURBANCE PROPOSED RIPRAP APRON

HATCH LEGEND

.

TEMPORARY & PERMANENT SEEDING, SEE DOMINION SPEC TE VEP 8000-13-00

PROPOSED LIMITS OF CLEARING

REVEGETATE AND DECOMPACT PER MITIGATION MEASURES IN EA

FR240-R21

05/21/21

FR-240

VEPCO ROAD

RESTORATION

PLAN

50106442

PROJECT NO.

REVISIONS

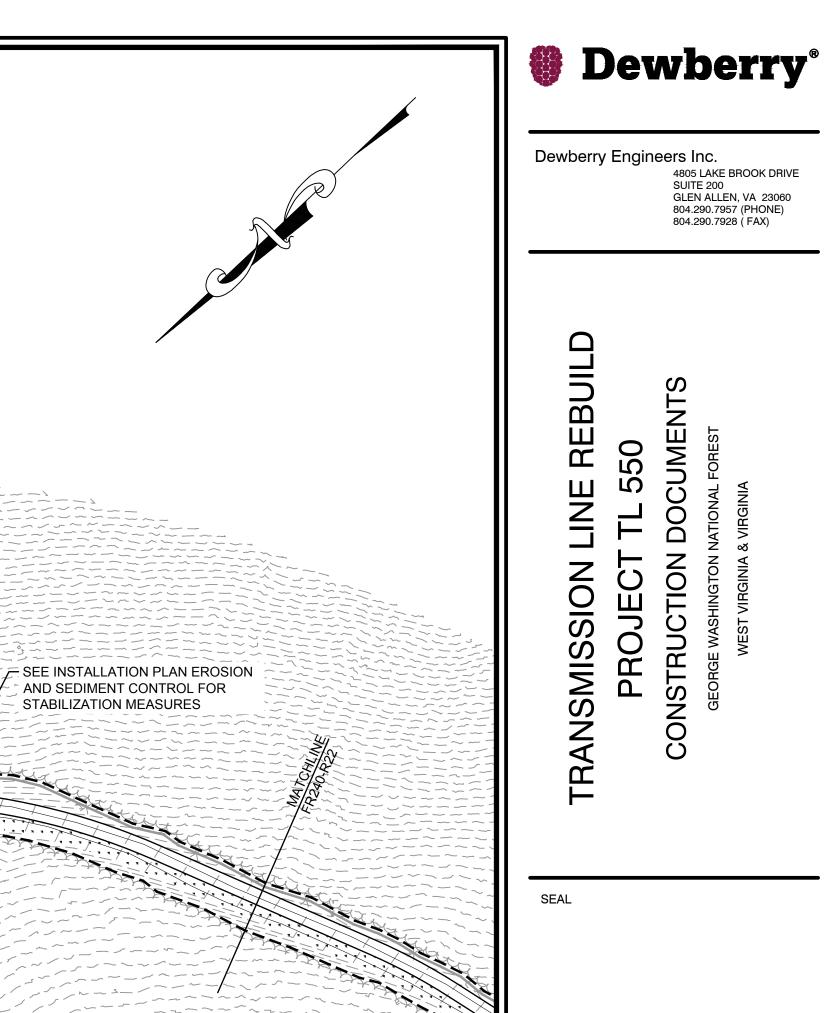
DRAWN BY

APPROVED BY

CHECKED BY

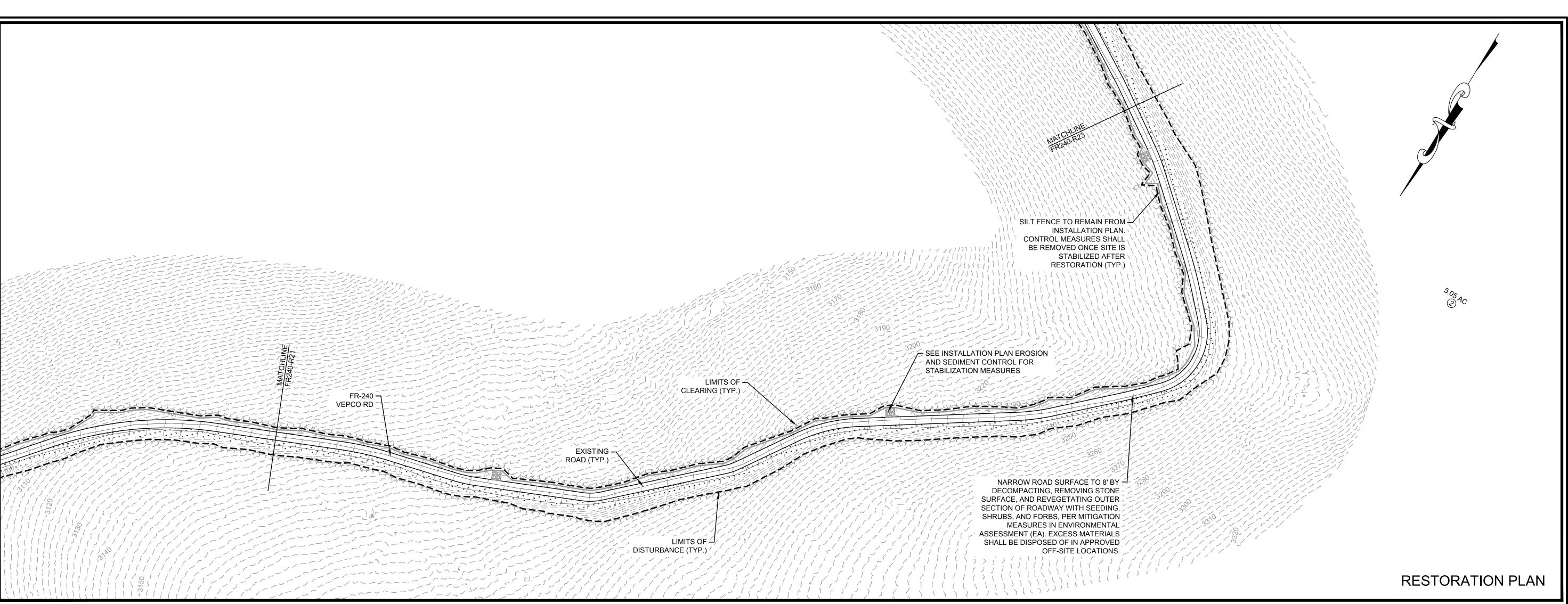
DATE

TITLE



**PRELIMINARY** NOT FOR CONSTRUCTION

SCALE		
0'	50'	100'
	HORIZONTAL SCALE	
0'	25'	50'
	VERTICAL SCALE	

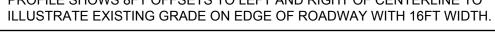


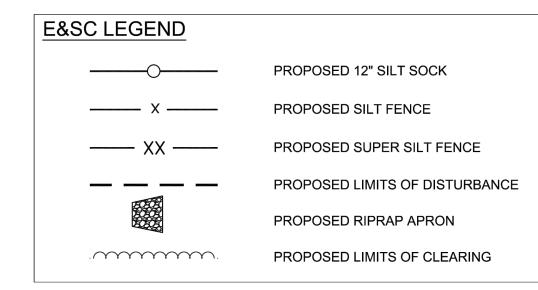
STA 622+00 TO 634+00 INSTALLATION PLAN EARTHWORK CALCULATIONS					
	CUT (CY)	FILL (CY)	NET (CY)		
VEPCO ROAD IMPROVEMENT	714.3	299.0	415.3 (CUT)		
INSTALLATION TOTALS	714.3	299.0	415.3 (CUT)		

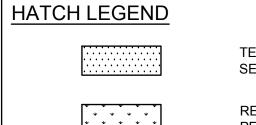
STA 622+00 TO 634+00 RESTORATION P	LAN EARTH	WORK CAL	CULATIONS
	CUT (CY)	FILL (CY)	NET (CY)
8' ROAD DECOMPACTING	177.8	0.0	177.8 (CU
RESTORATION TOTALS	177.8	0.0	177.8 (CU

FINAL EARTHWORK BALANCE				
	NET (	(CY)		
STA 622+00 TO 634+00 INSTALLATION	415.3	(CUT)		
STA 622+00 TO 634+00 RESTORATION	177.8	(CUT)		
STA 622+00 TO 634+00 TOTAL	593.1	(CUT)		

- 1. PLAN SHOWN HERE REPRESENTS "RESTORATION PLAN". SEE SHEET FR240-47 FOR "INSTALLATION PLAN"
- 2. FOR SHENANDOAH CREST ZONE MITIGATION MEASURES, REFER TO ENVIRONMENTAL ASSESSMENT (EA), DESIGN ELEMENTS AND THREATENED & ENDANGERED SPECIES SECTIONS.
- 3. FIELD MODIFICATIONS WITHIN THE PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) MAY BE APPROVED BY THE CONSTRUCTION COORDINATOR/CERTIFIED LAND DISTURBER AND NOTED ON THE DRAWING. FIELD MODIFICATIONS THAT EXTEND OUTSIDE OF PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) REQUIRE APPROVAL BY THE GWNF PRIOR TO IMPLEMENTATION.
- CRANE PADS ARE TO BE STABILIZED AS SHOWN ON RESTORATION PLAN. DUE TO PRESENCE OF ROCK, SITE CONTRACTOR AND ENVIRONMENTAL COMPLIANCE COORDINATOR MAY USE GEOTECHNICAL DATA TO DETERMINE SOIL STABILITY AT CRANE PADS AFTER INSTALLATION.
- NARROWED ROAD WIDTH AS SHOWN ON RESTORATION PLAN IS BASED ON THE AVERAGE EXISTING ROAD WIDTH DETERMINED BY LIDAR SURVEY.
- 6. IN ADDITION TO TEMPORARY AND PERMANENT SEEDING, JUTE MATTING MAY BE REQUIRED TO ENSURE STABILIZATION.
- REFER TO GEORGE WASHINGTON NATIONAL FOREST FORESTWIDE STANDARDS AND EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS INCLUDED AT THE FRONT OF THE TL 550 PHASE 3 CONSTRUCTION DOCUMENT PACKAGE.
- 8. EXISTING GRADES SHOWN ON CROSS SECTIONS AND PLAN & PROFILE ARE BASED ON LIDAR DATA PROVIDED BY DOMINION ENERGY.
  - PROFILE SHOWS 8FT OFFSETS TO LEFT AND RIGHT OF CENTERLINE TO







TEMPORARY & PERMANENT SEEDING, SEE DOMINION SPEC TE VEP 8000-13-00

REVEGETATE AND DECOMPACT PER MITIGATION MEASURES IN EA

FR240-R22

05/21/21

FR-240

VEPCO ROAD

RESTORATION

PLAN

50106442

REVISIONS

DRAWN BY

APPROVED BY

CHECKED BY

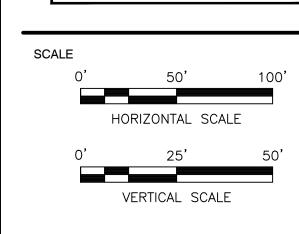
PROJECT NO.

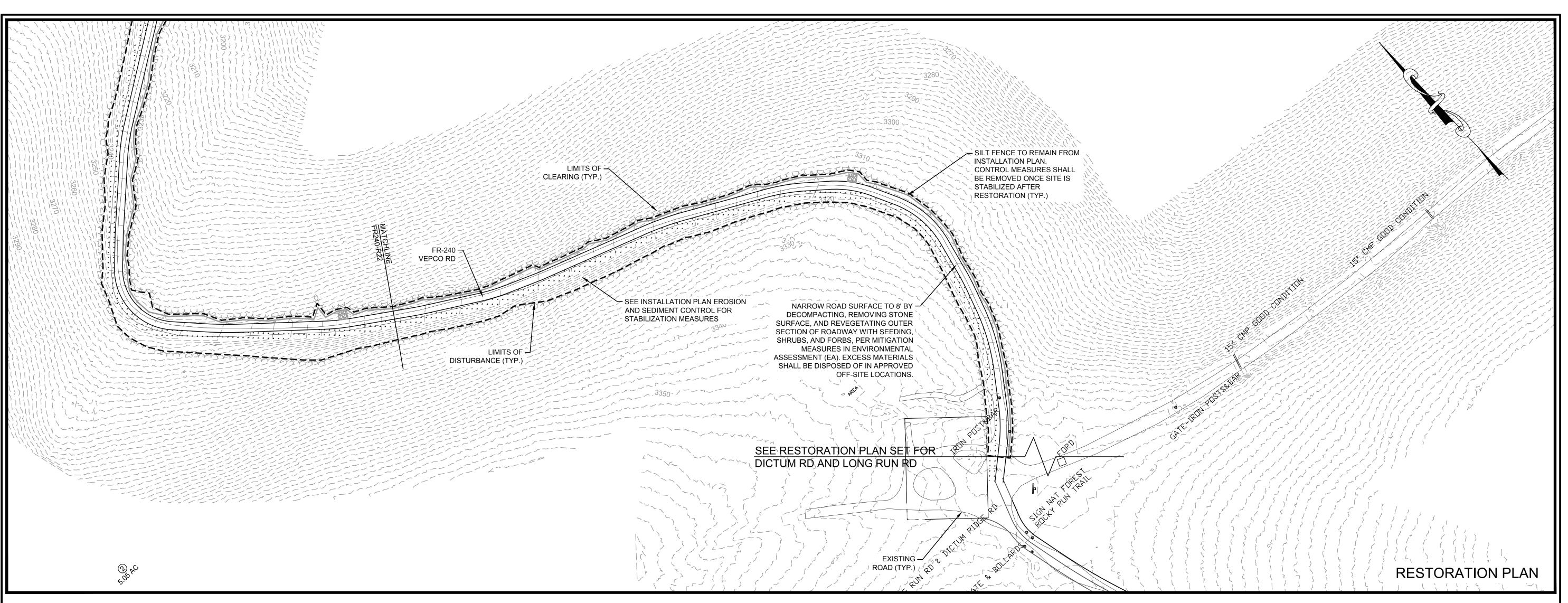
DATE

TITLE



**PRELIMINARY** NOT FOR CONSTRUCTION





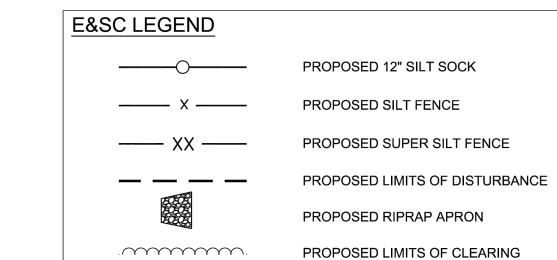
STA 634+00 TO 642+25 INSTALLATION PLAN EARTHWORK CALCULATIONS					
	CUT (CY)	FILL (CY)	NET (CY)		
VEPCO ROAD IMPROVEMENT	745.9	122.2	623.7	(CUT)	
INSTALLATION TOTALS	745.9	122.2	623.7	(CUT)	

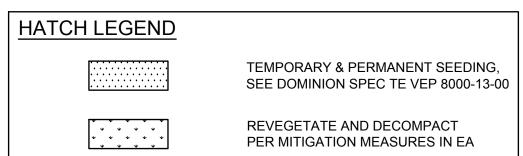
STA 634+00 TO 642+25 RESTORATION PLAN EARTHWORK CALCULATIONS					
	CUT (CY)	FILL (CY)	NET (CY)		
8' ROAD DECOMPACTING	122.2	0.0	122.2	(CUT)	
RESTORATION TOTALS	122.2	0.0	122.2	(CUT)	

FINAL EARTHWORK BALANCE				
	NET (	CY)		
STA 634+00 TO 642+25 INSTALLATION	623.7	(CUT		
STA 634+00 TO 642+25 RESTORATION	122.2	(CUT		
STA 634+00 TO 642+25 TOTAL	745.9	(CUT		

- 1. PLAN SHOWN HERE REPRESENTS "RESTORATION PLAN". SEE SHEET FR240-R48 FOR "INSTALLATION PLAN"
- FOR SHENANDOAH CREST ZONE MITIGATION MEASURES, REFER TO ENVIRONMENTAL ASSESSMENT (EA), DESIGN ELEMENTS AND THREATENED &
- ENDANGERED SPECIES SECTIONS.

  3. FIELD MODIFICATIONS WITHIN THE PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) MAY BE APPROVED BY THE CONSTRUCTION COORDINATOR/CERTIFIED LAND DISTURBER AND NOTED ON THE DRAWING. FIELD MODIFICATIONS THAT EXTEND OUTSIDE OF PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) REQUIRE APPROVAL BY THE GWNF PRIOR TO IMPLEMENTATION.
- 4. CRANE PADS ARE TO BE STABILIZED AS SHOWN ON RESTORATION PLAN. DUE TO PRESENCE OF ROCK, SITE CONTRACTOR AND ENVIRONMENTAL COMPLIANCE COORDINATOR MAY USE GEOTECHNICAL DATA TO DETERMINE SOIL STABILITY AT CRANE PADS AFTER INSTALLATION.
- NARROWED ROAD WIDTH AS SHOWN ON RESTORATION PLAN IS BASED ON THE AVERAGE EXISTING ROAD WIDTH DETERMINED BY LIDAR SURVEY.
- IN ADDITION TO TEMPORARY AND PERMANENT SEEDING, JUTE MATTING MAY BE REQUIRED TO ENSURE STABILIZATION.
- 7. REFER TO GEORGE WASHINGTON NATIONAL FOREST FORESTWIDE STANDARDS
  AND EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS
  INCLUDED AT THE FRONT OF THE TL 550 PHASE 3 CONSTRUCTION DOCUMENT
- 8. EXISTING GRADES SHOWN ON CROSS SECTIONS AND PLAN & PROFILE ARE BASED ON LIDAR DATA PROVIDED BY DOMINION ENERGY.
- 9. PROFILE SHOWS 8FT OFFSETS TO LEFT AND RIGHT OF CENTERLINE TO ILLUSTRATE EXISTING GRADE ON EDGE OF ROADWAY WITH 16FT WIDTH.







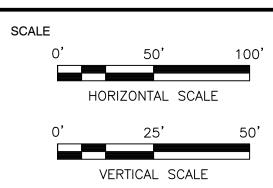
Dewberry Engineers Inc.

4805 LAKE BROOK DRIVE
SUITE 200
GLEN ALLEN, VA 23060
804.290.7957 (PHONE)
804.290.7928 (FAX)

JECT TL 550
CTION DOCUMENTS
ASHINGTON NATIONAL FOREST

SEAL

PRELIMINARY NOT FOR CONSTRUCTION



DRAWN BY

APPROVED BY
CHECKED BY
DATE

FR-240
VEPCO ROAD
RESTORATION
PLAN

PROJECT NO. 50106442

FR240-R23

SHEET NO